

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079088.D
 Acq On : 30 May 2024 11:36
 Operator : RP/MD
 Sample : P2586-08
 Misc : 5.52G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4D19

Quant Time: May 31 01:53:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	164410	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	141359	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	49228	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	88340	17.461	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.840%		
7) Chloroethane-d5	2.799	69	95759	19.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.280%		
11) 1,1-Dichloroethene-d2	3.917	65	15485	17.241	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.960%		
21) 2-Butanone-d5	6.987	46	13753	35.540	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.080%		
24) Chloroform-d	7.563	84	90288	19.641	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.560%		
26) 1,2-Dichloroethane-d4	8.228	65	44823	21.137	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.560%		
32) Benzene-d6	8.205	84	178911	22.831	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.320%		
36) 1,2-Dichloropropane-d6	9.210	67	50020	22.159	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.640%		
41) Toluene-d8	10.269	98	149519	20.378	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.520%		
43) trans-1,3-Dichloroprop...	10.522	79	21288	22.437	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.760%		
47) 2-Hexanone-d5	10.875	63	12297	42.139	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.280%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	39360	19.686	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.760%		
66) 1,2-Dichlorobenzene-d4	13.816	152	31594	18.596	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.400%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	37150	14.274	ug/L	96
3) Chloromethane	2.146	50	57157	16.477	ug/L	97
5) Vinyl chloride	2.281	62	86596	15.125	ug/L	97
6) Bromomethane	2.693	94	69620	15.751	ug/L	95
8) Chloroethane	2.834	64	68876	16.413	ug/L	98
9) Trichlorofluoromethane	3.175	101	62900	14.422	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	36613	13.999	ug/L	98
12) 1,1-Dichloroethene	3.940	96	32720	14.370	ug/L	94
13) Acetone	4.028	43	10087	18.005	ug/L	96
14) Carbon disulfide	4.269	76	119681	15.068	ug/L	99
15) Methyl Acetate	4.569	43	12464m	16.328	ug/L	
16) Methylene chloride	4.793	84	48310m	16.491	ug/L	
17) trans-1,2-Dichloroethene	5.305	96	39551	16.073	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	78443m	17.975	ug/L	
19) 1,1-Dichloroethane	6.116	63	67601	17.064	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	44083	17.205	ug/L	93
22) 2-Butanone	7.081	43	14779	25.111	ug/L	73
23) Bromochloromethane	7.422	128	24104	18.556	ug/L	94
25) Chloroform	7.593	83	76681	17.048	ug/L	96

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 Response via : Initial Calibration

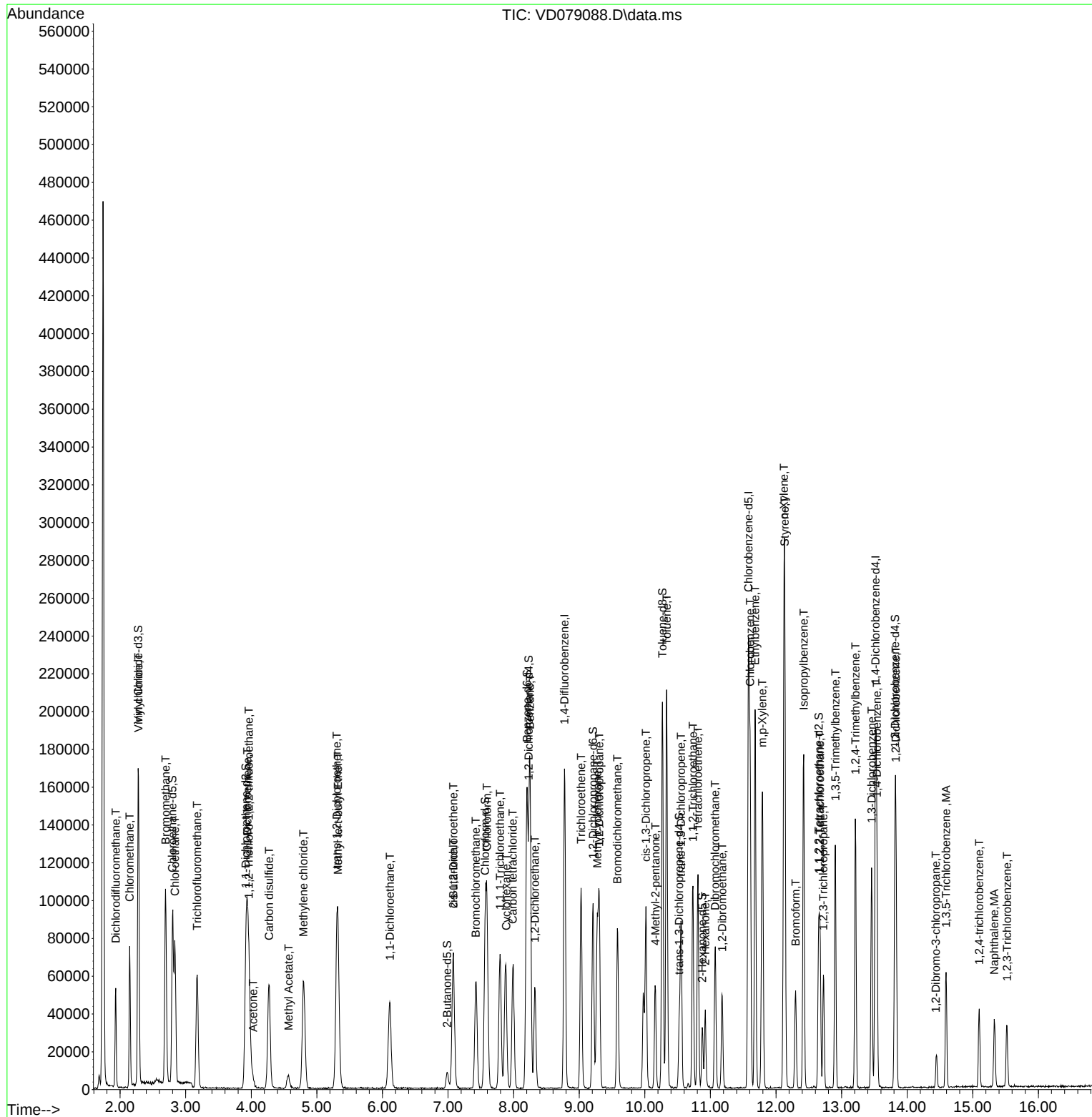
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	46722	17.894	ug/L	97
29) Cyclohexane	7.887	56	32673m	12.810	ug/L	
30) 1,1,1-Trichloroethane	7.793	97	60324	18.025	ug/L	99
31) Carbon tetrachloride	7.987	117	53084	17.069	ug/L	93
33) Benzene	8.252	78	169217	20.099	ug/L	100
34) Trichloroethene	9.028	95	37048	17.085	ug/L	94
35) Methylcyclohexane	9.275	83	34875	9.706	ug/L	99
37) 1,2-Dichloropropane	9.304	63	40012	19.402	ug/L	98
38) Bromodichloromethane	9.581	83	57318	19.994	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	59961	18.626	ug/L	93
40) 4-Methyl-2-pentanone	10.163	43	33248	38.621	ug/L	93
42) Toluene	10.334	91	166509	17.810	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	53562	19.675	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	36808	20.345	ug/L	97
46) Tetrachloroethene	10.810	164	26706	13.987	ug/L	99
48) 2-Hexanone	10.922	43	23102	31.012	ug/L	97
49) Dibromochloromethane	11.069	129	40010	18.675	ug/L	92
50) 1,2-Dibromoethane	11.181	107	33605	20.211	ug/L	100
51) Chlorobenzene	11.604	112	99897	16.059	ug/L	95
52) Ethylbenzene	11.681	91	143136	14.678	ug/L	99
53) m,p-Xylene	11.793	106	56076	14.656	ug/L	98
54) o-Xylene	12.122	106	56719	15.344	ug/L	99
55) Styrene	12.134	104	99795	15.226	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	37274	18.405	ug/L	96
59) Bromoform	12.298	173	24129	26.743	ug/L	99
60) Isopropylbenzene	12.422	105	119164	18.307	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	24570	28.270	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	72567	16.305	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	78401	16.470	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	49858	15.944	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	52446	15.829	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	47401	16.397	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.440	75	4635	25.942	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	21239	10.769	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	14816	9.045	ug/L	98
71) Naphthalene	15.328	128	34272	11.188	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	12678	8.956	ug/L	92

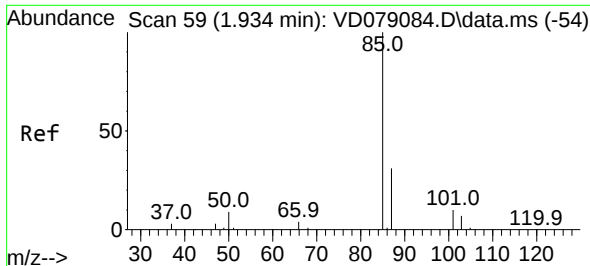
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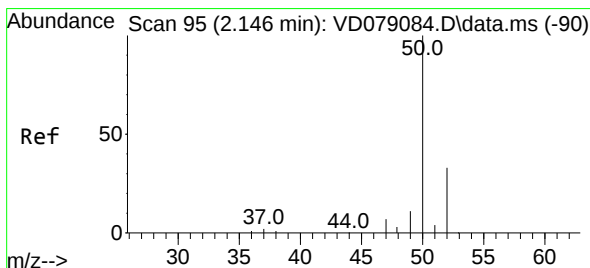
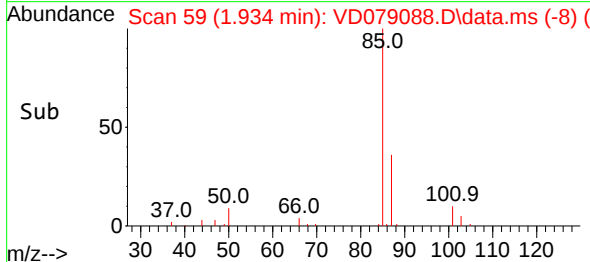
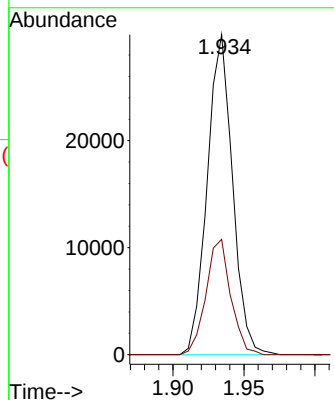
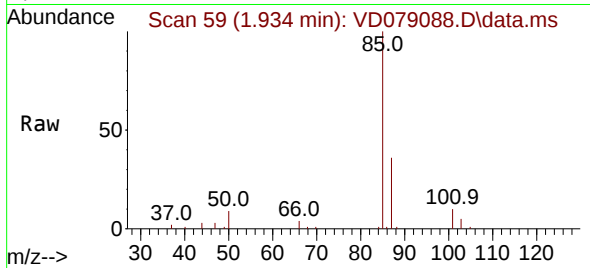




#2
Dichlorodifluoromethane
Concen: 14.274 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

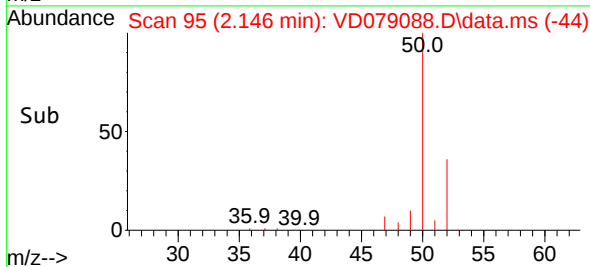
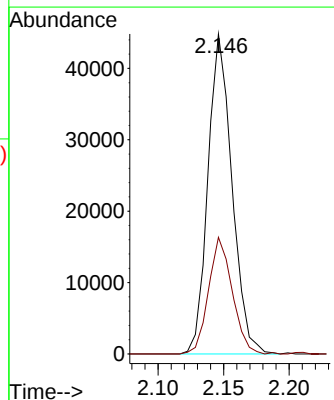
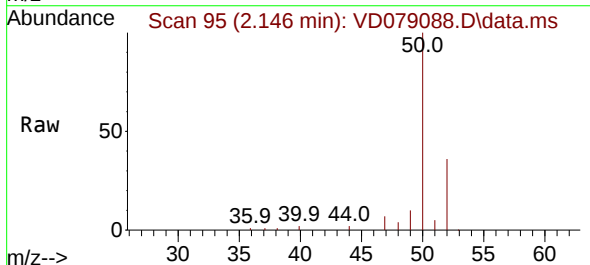
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MSVOA_D
ClientSampleId :
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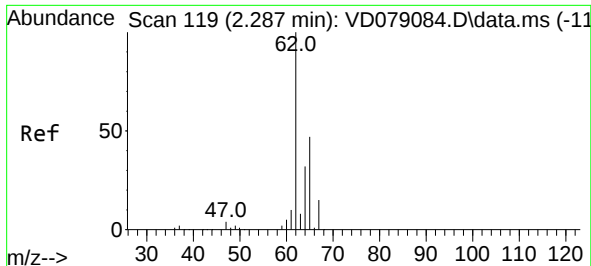
Tgt Ion: 85 Resp: 37150
Ion Ratio Lower Upper
85 100
87 35.3 26.2 39.4



#3
Chloromethane
Concen: 16.477 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 50 Resp: 57157
Ion Ratio Lower Upper
50 100
52 36.4 24.4 45.2

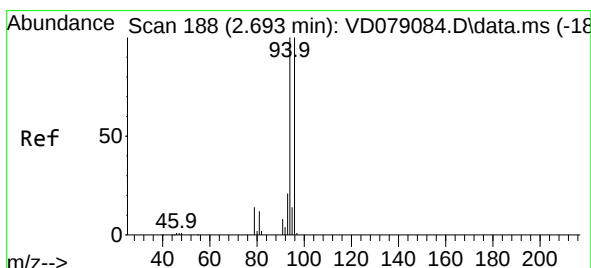
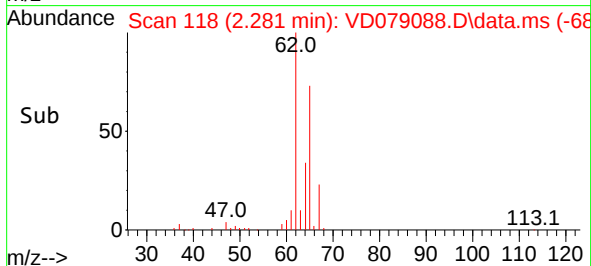
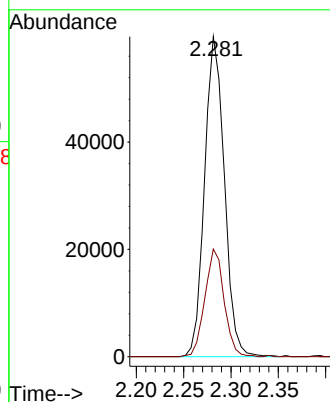
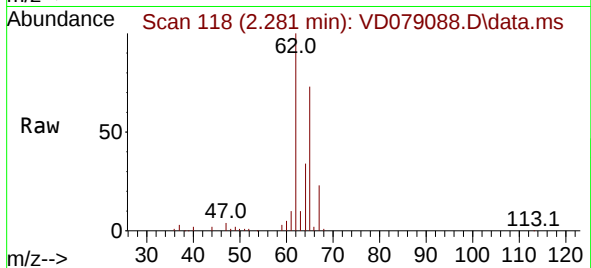




#5
 Vinyl chloride
 Concen: 15.125 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

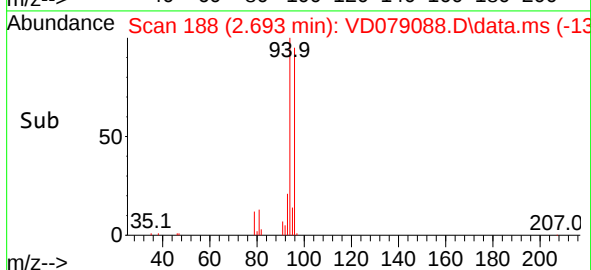
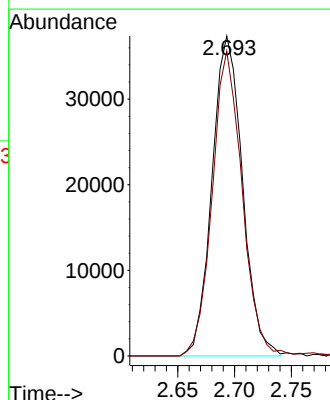
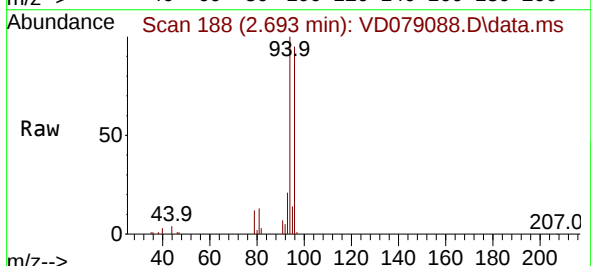
Instrument :
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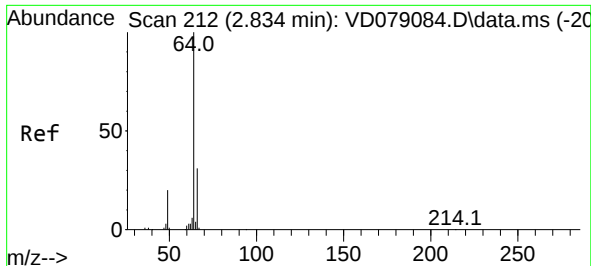
Tgt Ion: 62 Resp: 86596
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.8 46.1



#6
 Bromomethane
 Concen: 15.751 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

Tgt Ion: 94 Resp: 69620
 Ion Ratio Lower Upper
 94 100
 96 95.2 63.6 118.2

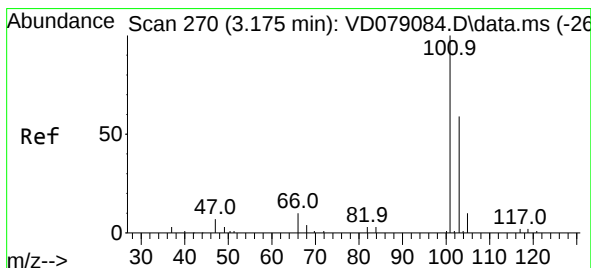
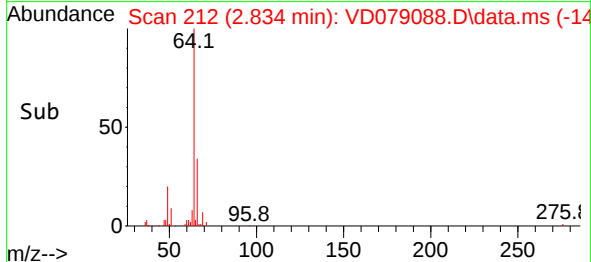
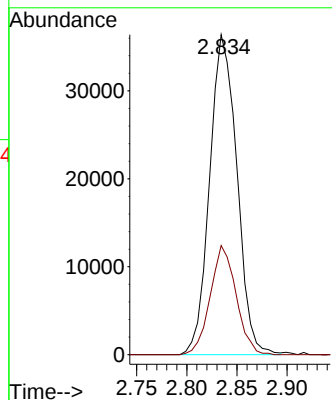
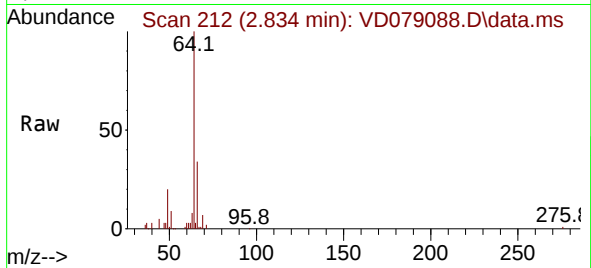




#8
Chloroethane
Concen: 16.413 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

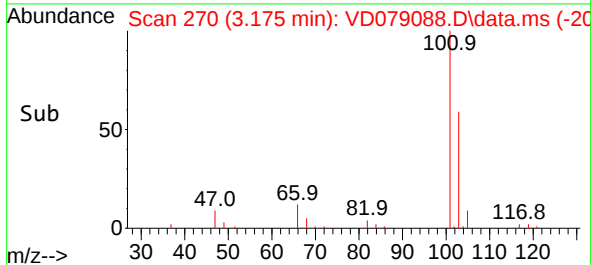
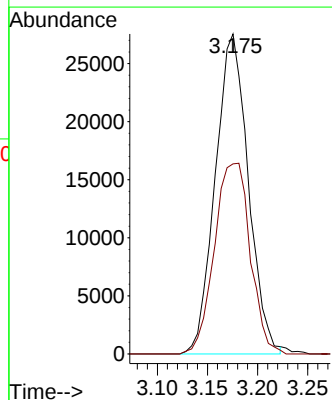
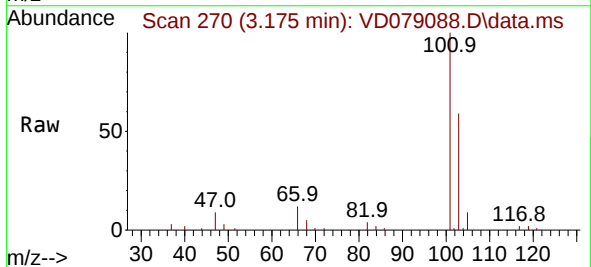
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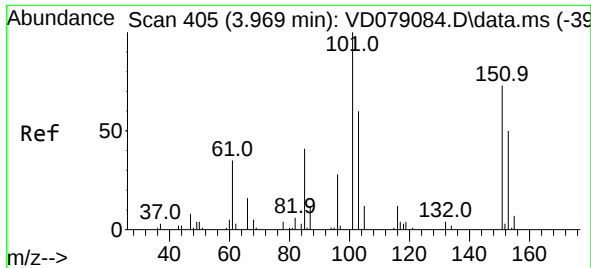
Tgt Ion: 64 Resp: 68876
Ion Ratio Lower Upper
64 100
66 34.1 24.8 46.1



#9
Trichlorofluoromethane
Concen: 14.422 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 101 Resp: 62900
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0

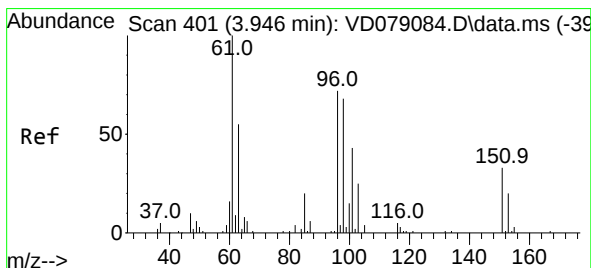
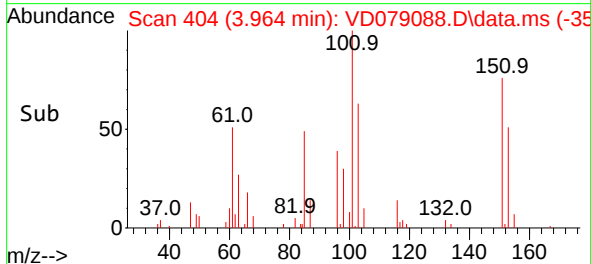
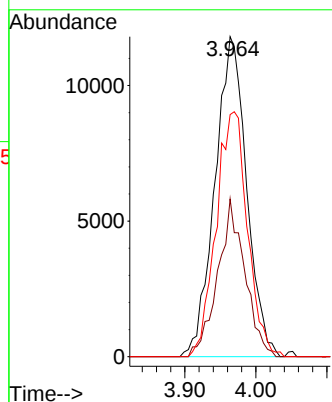
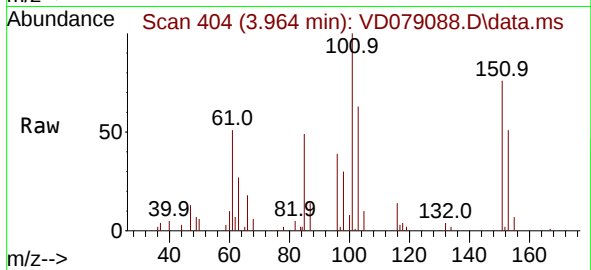




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.999 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

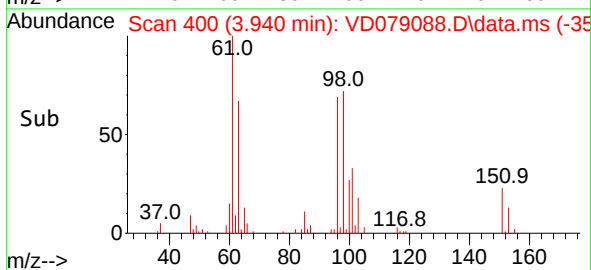
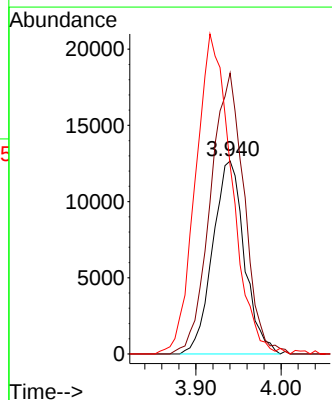
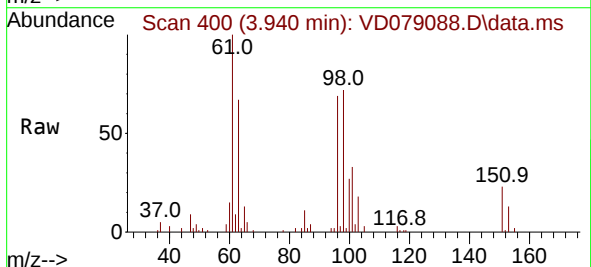
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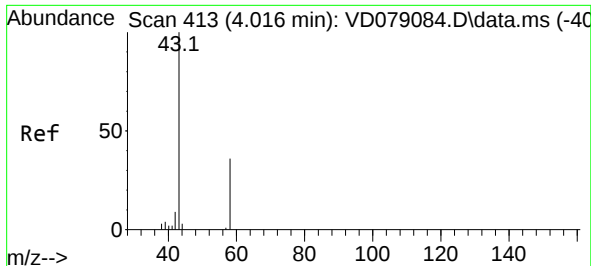
Tgt Ion:101 Resp: 36613
 Ion Ratio Lower Upper
 101 100
 85 42.0 35.4 53.0
 151 75.4 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 14.370 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

Tgt Ion: 96 Resp: 32720
 Ion Ratio Lower Upper
 96 100
 61 145.7 93.9 174.3
 63 97.7 67.7 125.7





#13

Acetone

Concen: 18.005 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

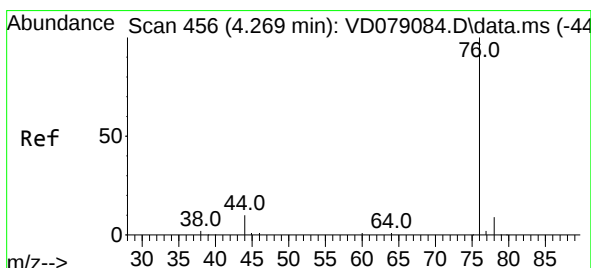
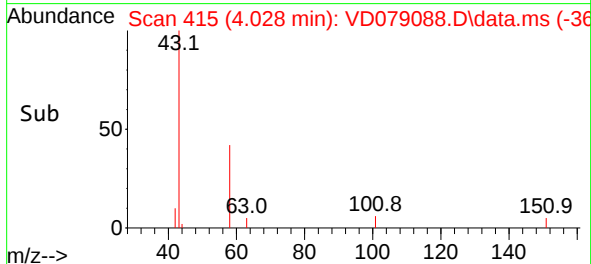
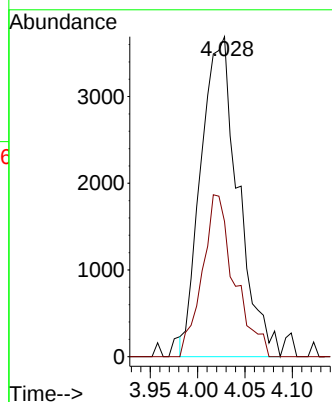
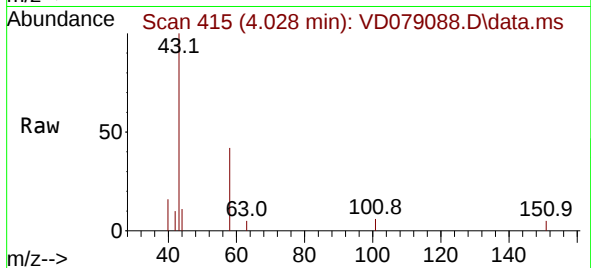
A4D19

Tgt Ion: 43 Resp: 10087

Ion Ratio Lower Upper

43 100

58 36.7 0.0 78.2



#14

Carbon disulfide

Concen: 15.068 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079088.D

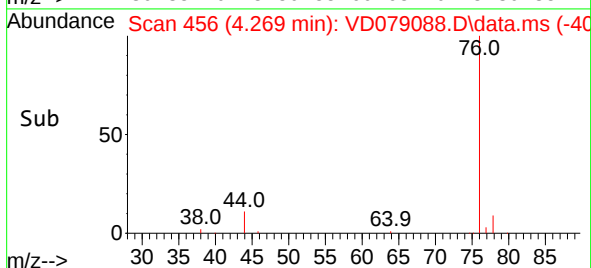
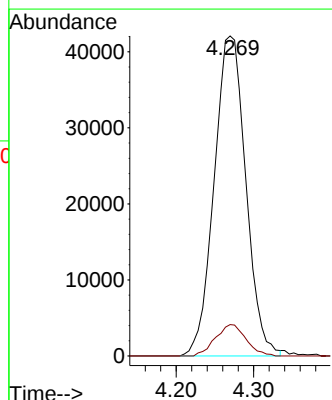
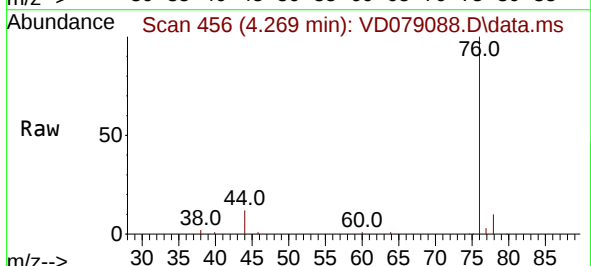
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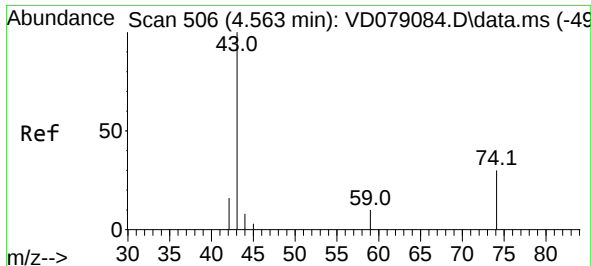
Tgt Ion: 76 Resp: 119681

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

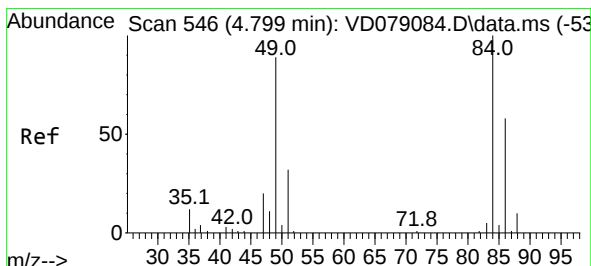
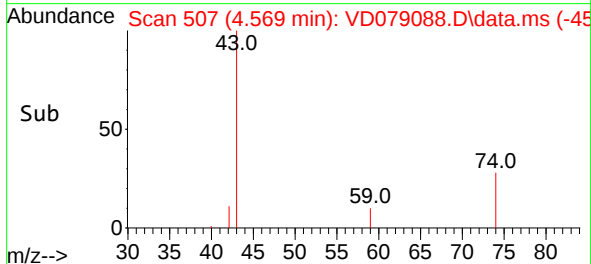
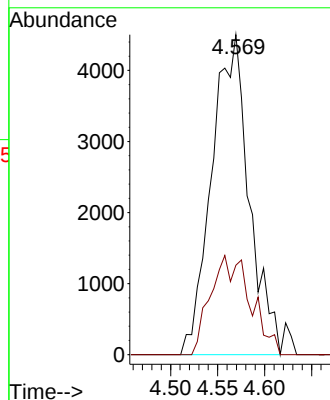
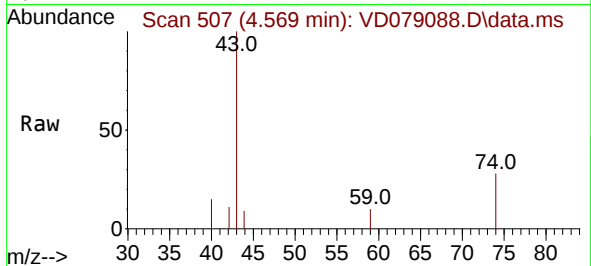




#15
Methyl Acetate
Concen: 16.328 ug/L m
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

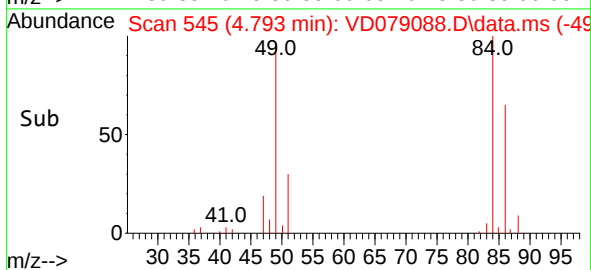
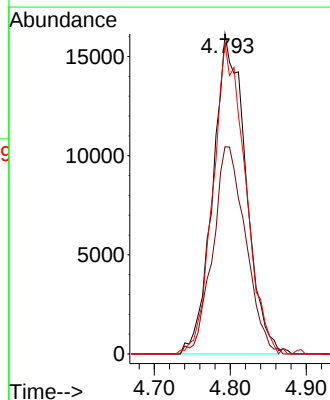
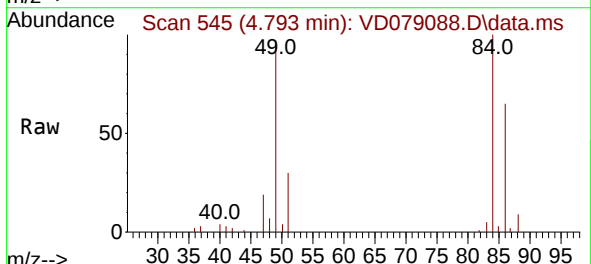
Instrument :
MSVOA_D
ClientSampleId :
A4D19

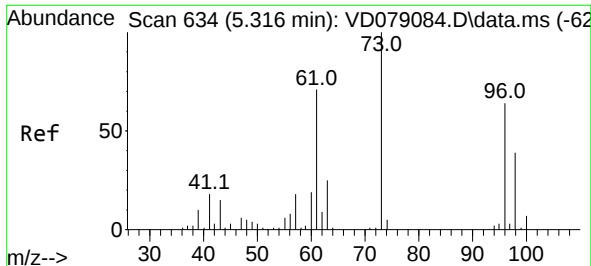
Tgt Ion: 43 Resp: 12464
Ion Ratio Lower Upper
43 100
74 17.4 23.8 35.6#



#16
Methylene chloride
Concen: 16.491 ug/L m
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 84 Resp: 48310
Ion Ratio Lower Upper
84 100
86 64.8 40.9 76.0
49 97.1 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 16.073 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

A4D19

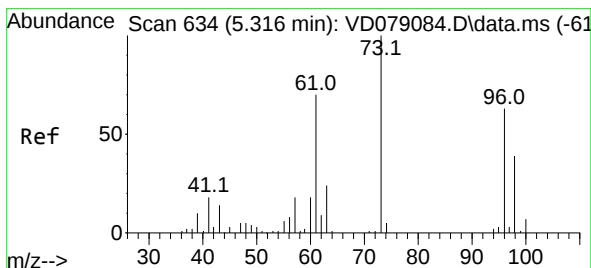
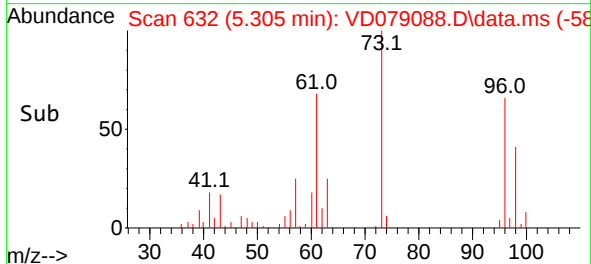
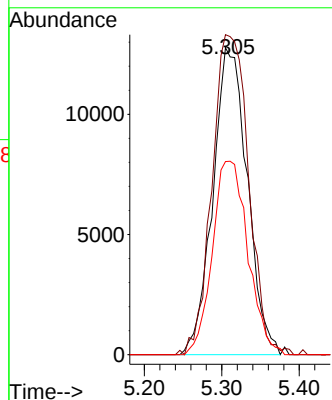
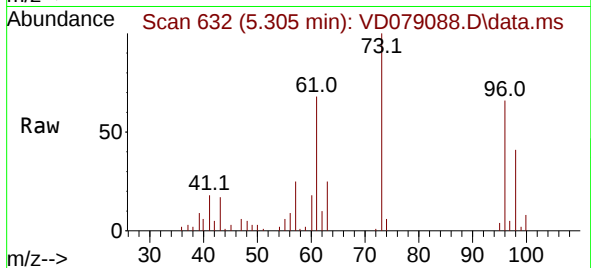
Tgt Ion: 96 Resp: 39551

Ion Ratio Lower Upper

96 100

61 104.2 71.9 133.5

98 62.9 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 17.975 ug/L m

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

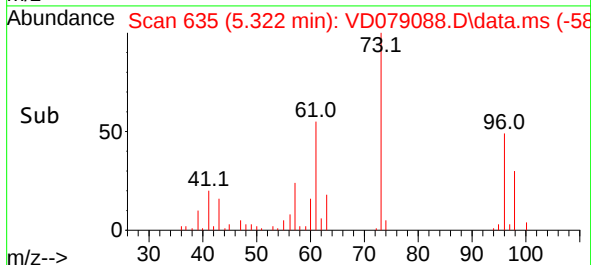
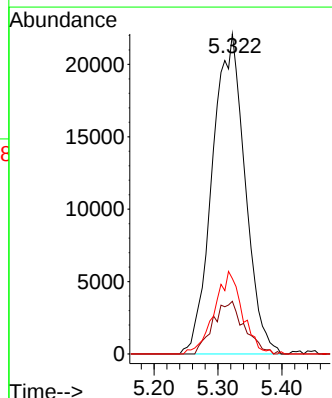
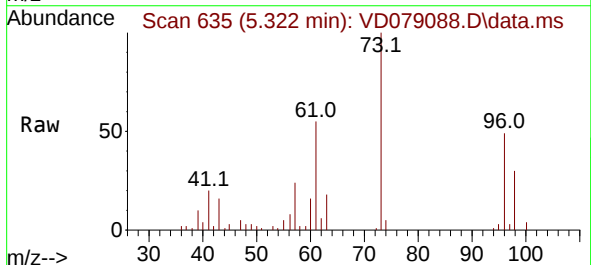
Tgt Ion: 73 Resp: 78443

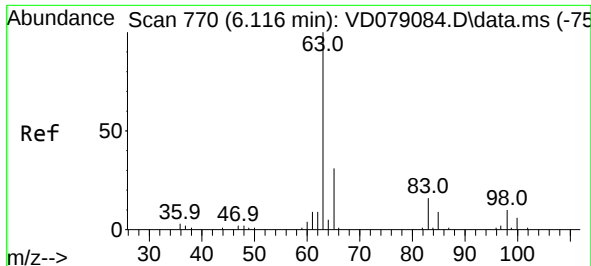
Ion Ratio Lower Upper

73 100

43 7.0 12.0 18.0#

57 22.0 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 17.064 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

A4D19

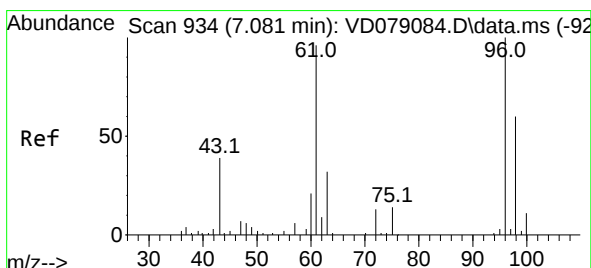
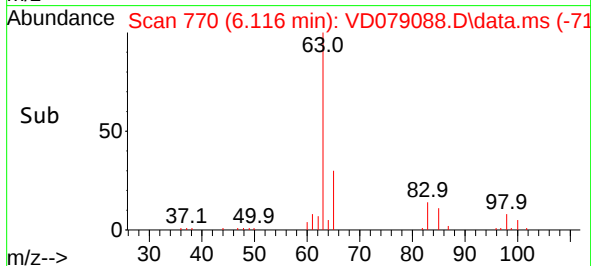
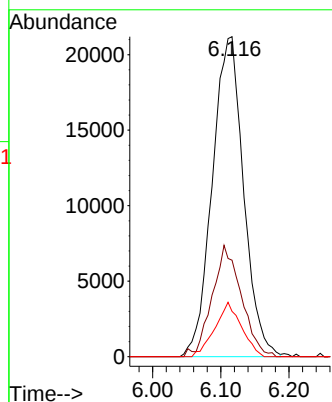
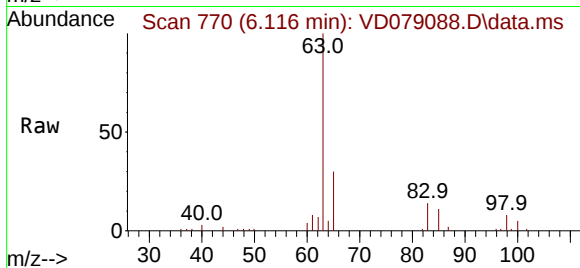
Tgt Ion: 63 Resp: 67601

Ion Ratio Lower Upper

63 100

65 30.2 22.8 42.4

83 14.2 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 17.205 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

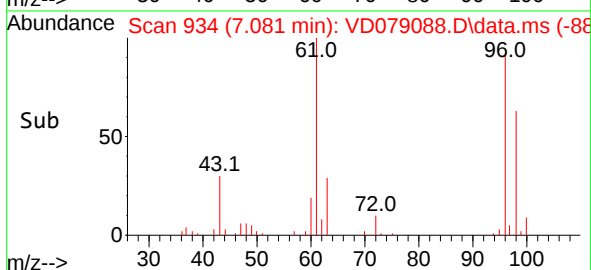
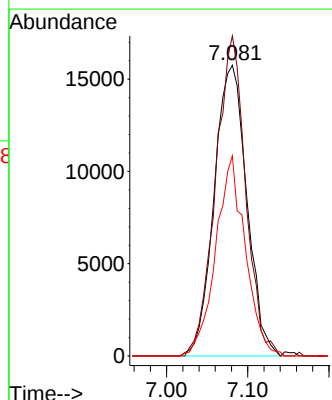
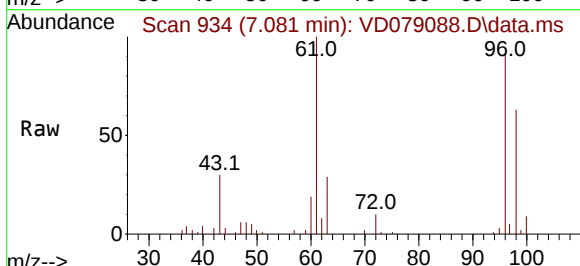
Tgt Ion: 96 Resp: 44083

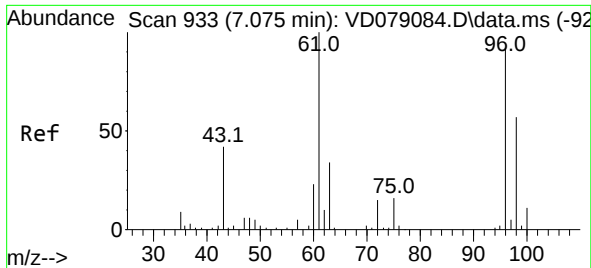
Ion Ratio Lower Upper

96 100

61 110.1 72.6 134.8

98 68.8 43.8 81.3

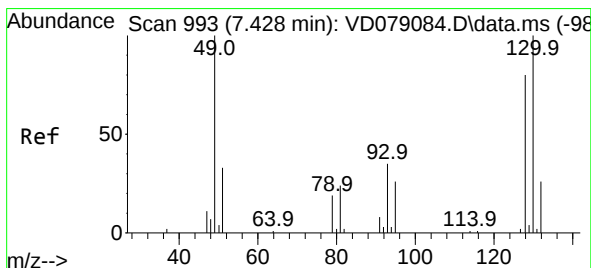
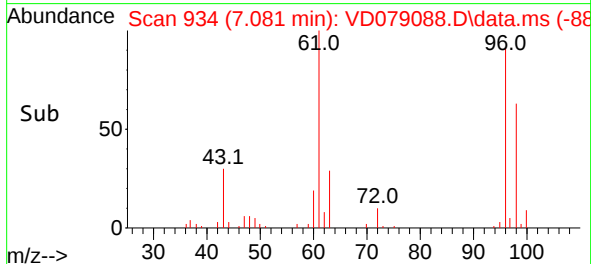
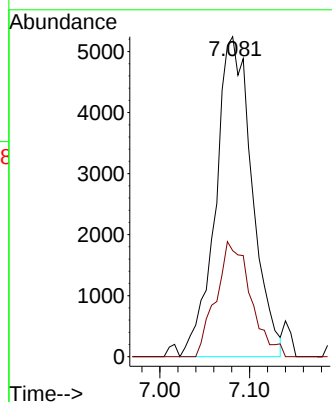
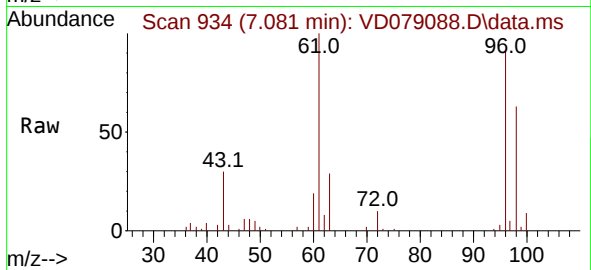




#22
2-Butanone
Concen: 25.111 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

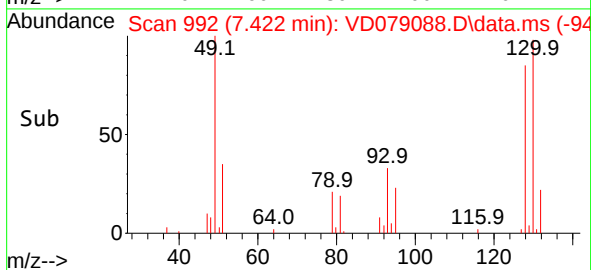
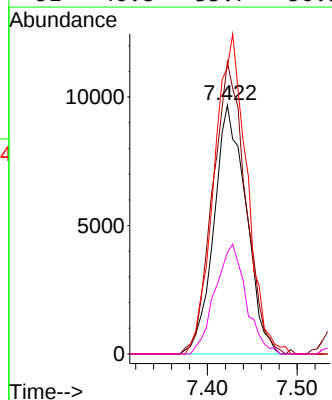
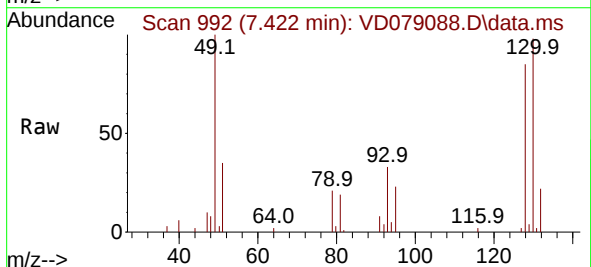
Instrument :
MSVOA_D
ClientSampleId :
A4D19

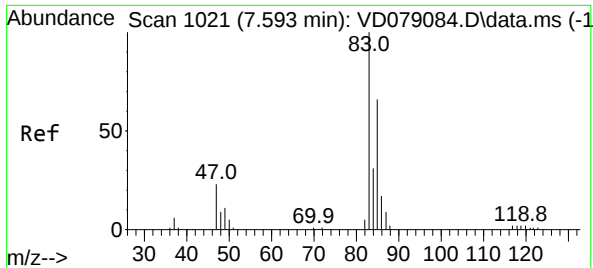
Tgt Ion: 43 Resp: 14779
Ion Ratio Lower Upper
43 100
72 22.0 19.3 57.8



#23
Bromochloromethane
Concen: 18.556 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:128 Resp: 24104
Ion Ratio Lower Upper
128 100
49 117.5 81.8 151.8
130 115.1 90.4 167.8
51 40.8 33.7 50.5

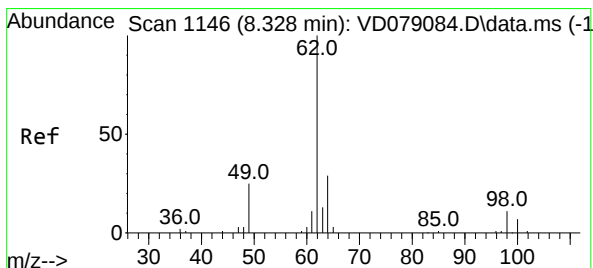
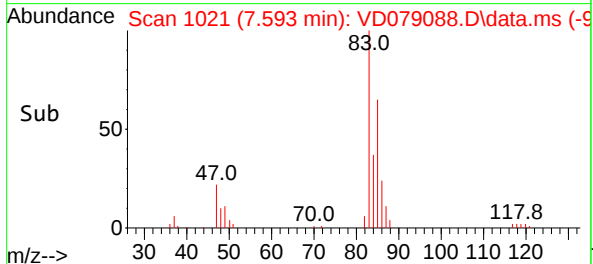
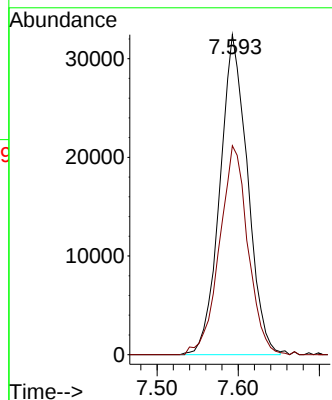
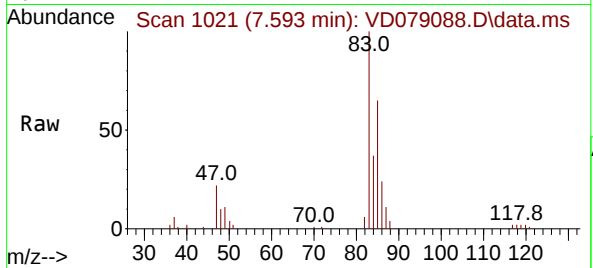




#25
Chloroform
Concen: 17.048 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

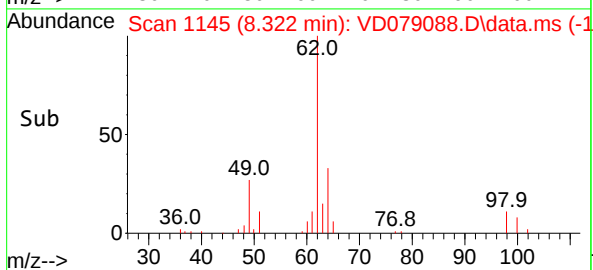
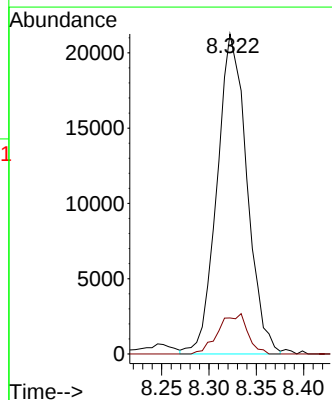
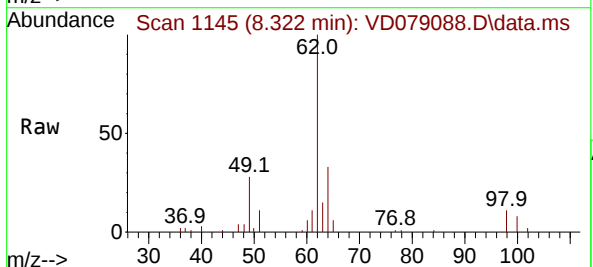
Instrument :
MSVOA_D
ClientSampleId :
A4D19

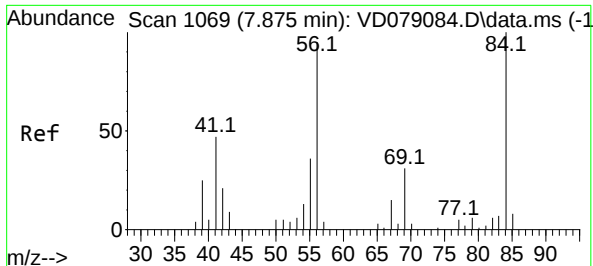
Tgt Ion: 83 Resp: 76681
Ion Ratio Lower Upper
83 100
85 65.3 47.9 89.1



#27
1,2-Dichloroethane
Concen: 17.894 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 62 Resp: 46722
Ion Ratio Lower Upper
62 100
98 11.2 8.2 12.4





#29

Cyclohexane

Concen: 12.810 ug/L m

RT: 7.887 min Scan# 1071

Delta R.T. 0.012 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

A4D19

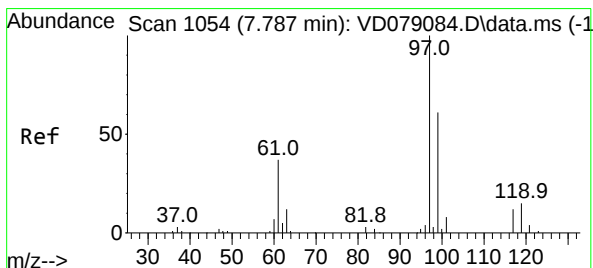
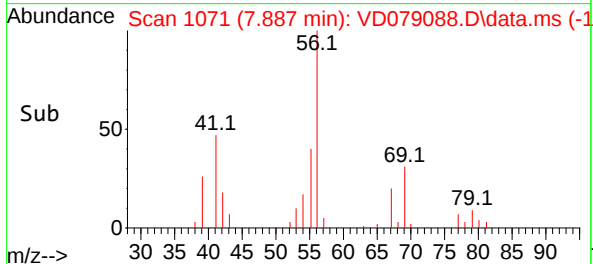
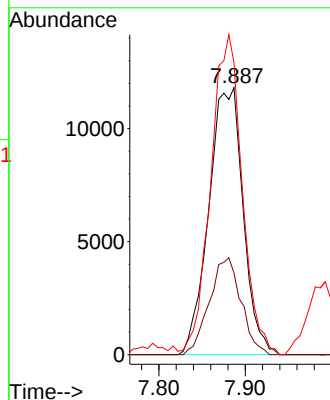
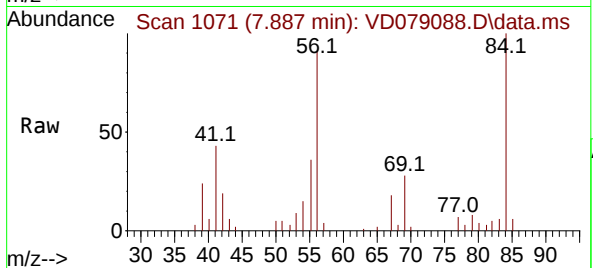
Tgt Ion: 56 Resp: 32673

Ion Ratio Lower Upper

56 100

69 33.5 26.6 40.0

84 109.3 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 18.025 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

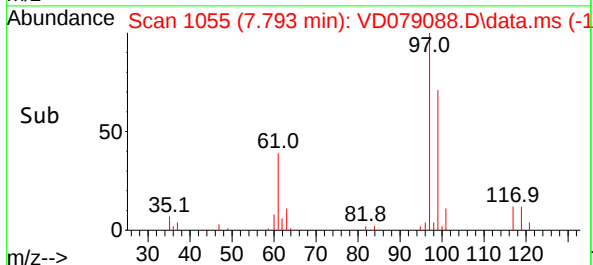
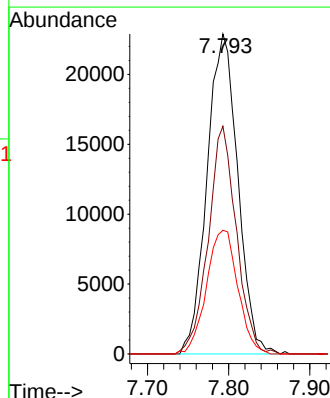
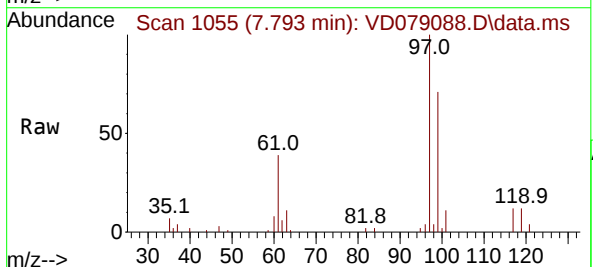
Tgt Ion: 97 Resp: 60324

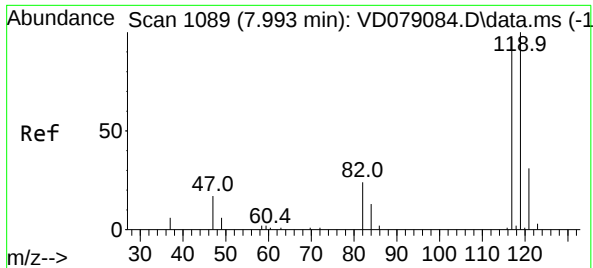
Ion Ratio Lower Upper

97 100

99 64.7 52.3 78.5

61 39.4 31.7 47.5

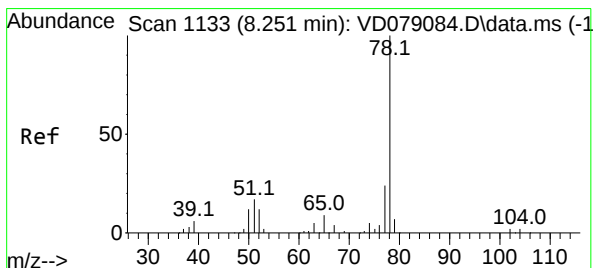
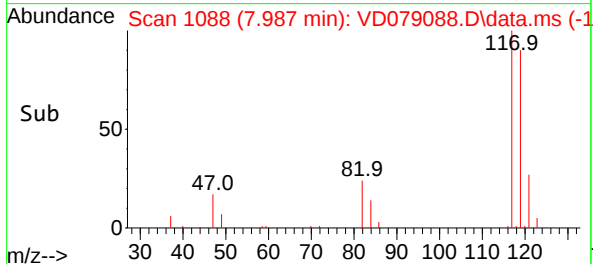
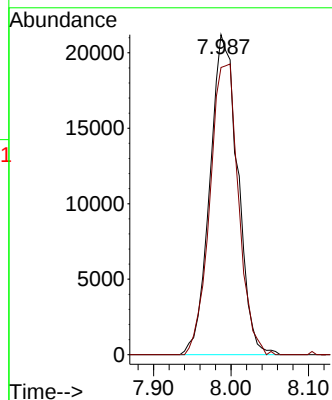
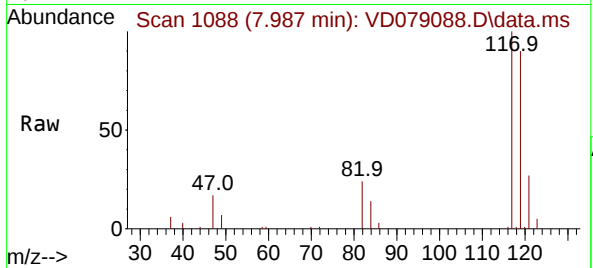




#31
Carbon tetrachloride
Concen: 17.069 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

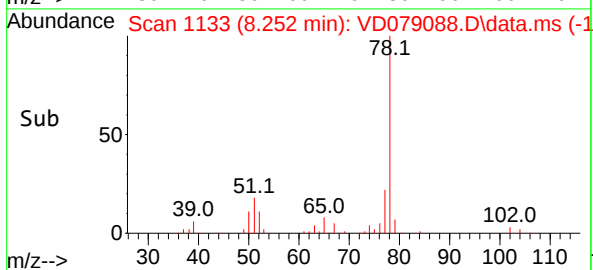
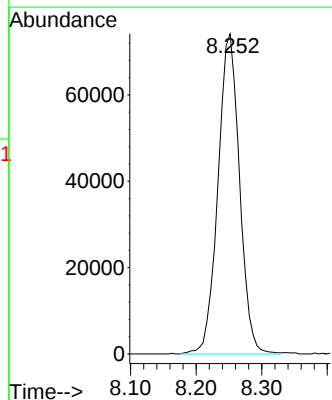
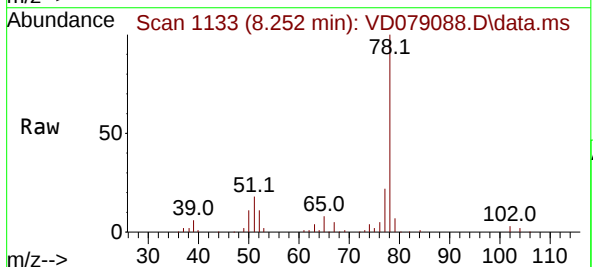
Instrument :
MSVOA_D
ClientSampleId :
A4D19

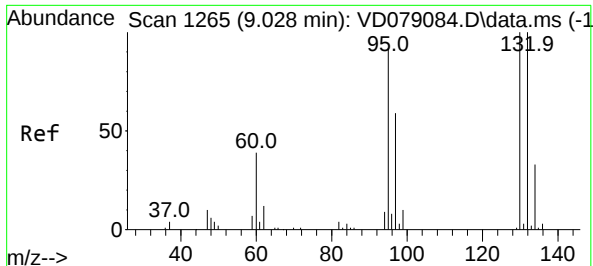
Tgt Ion:117 Resp: 53084
Ion Ratio Lower Upper
117 100
119 92.7 79.6 119.4



#33
Benzene
Concen: 20.099 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 78 Resp: 169217



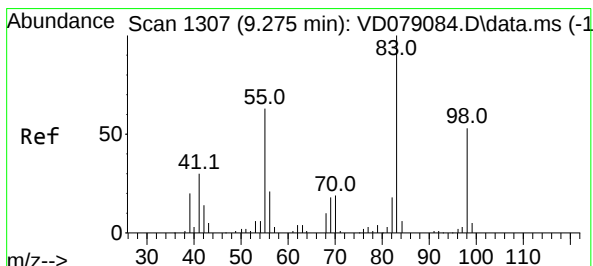
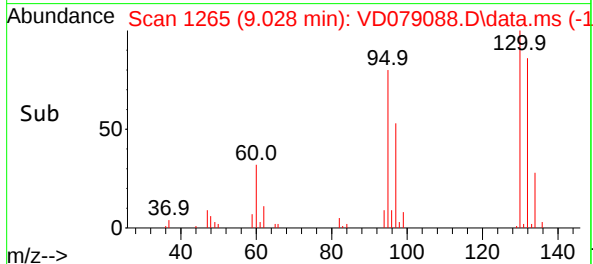
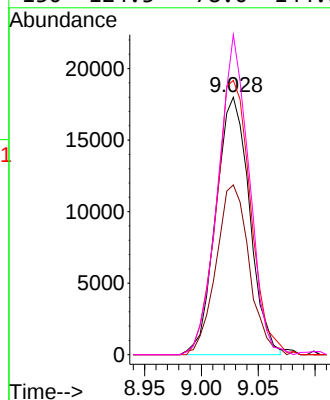
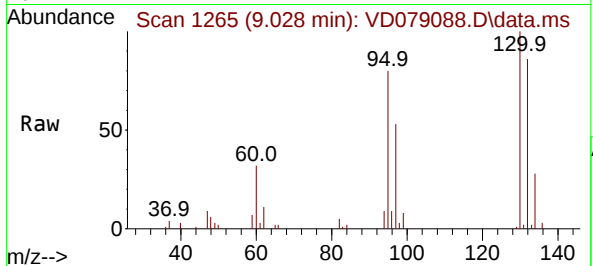


#34
Trichloroethene
Concen: 17.085 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Instrument :
MSVOA_D
ClientSampleId :
A4D19

Tgt Ion: 95 Resp: 37048

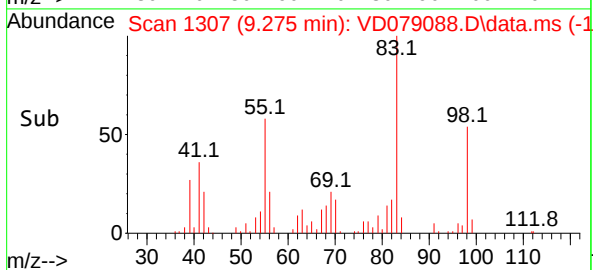
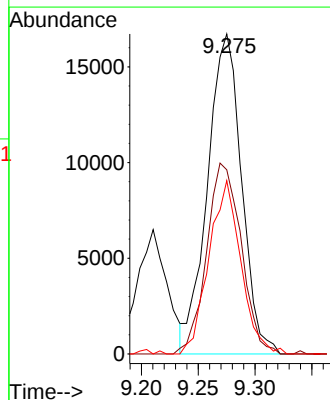
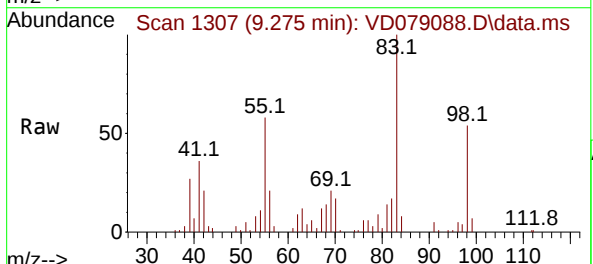
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.6	82.8
132	106.5	74.9	139.1
130	124.3	78.0	144.8

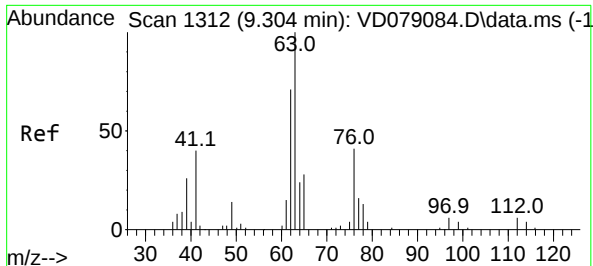


#35
Methylcyclohexane
Concen: 9.706 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 83 Resp: 34875

Ion	Ratio	Lower	Upper
83	100		
55	60.5	48.6	72.8
98	50.8	40.2	60.2





#37

1,2-Dichloropropane

Concen: 19.402 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

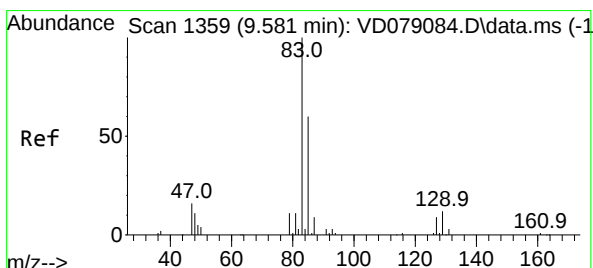
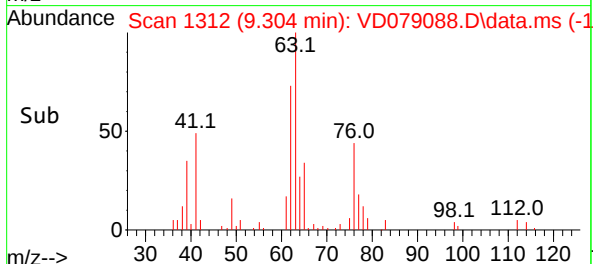
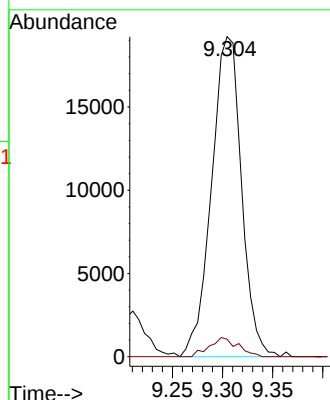
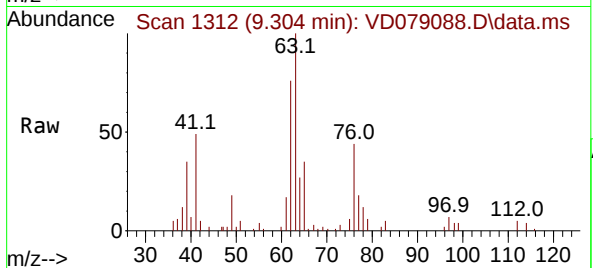
A4D19

Tgt Ion: 63 Resp: 40012

Ion Ratio Lower Upper

63 100

112 5.7 3.9 5.9



#38

Bromodichloromethane

Concen: 19.994 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

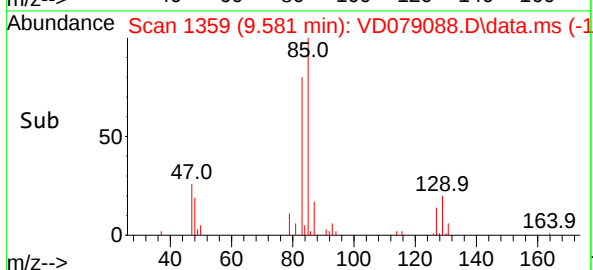
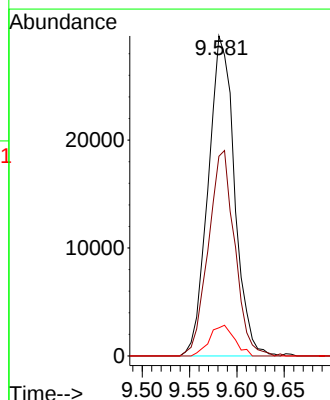
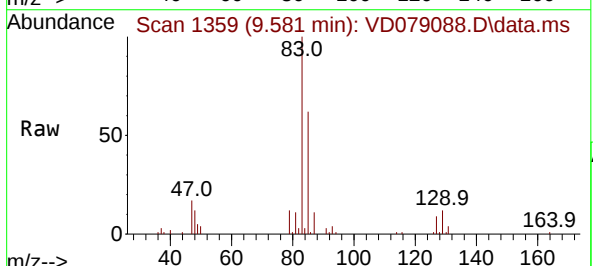
Tgt Ion: 83 Resp: 57318

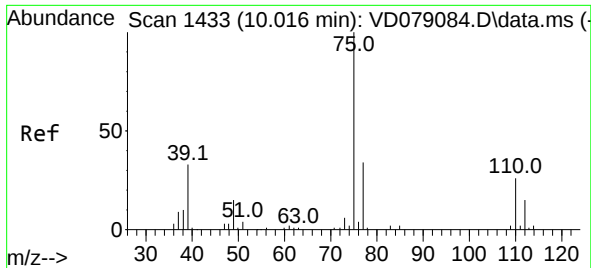
Ion Ratio Lower Upper

83 100

85 62.4 46.5 86.5

127 8.8 7.0 10.6

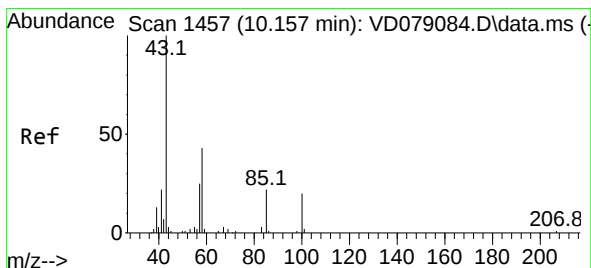
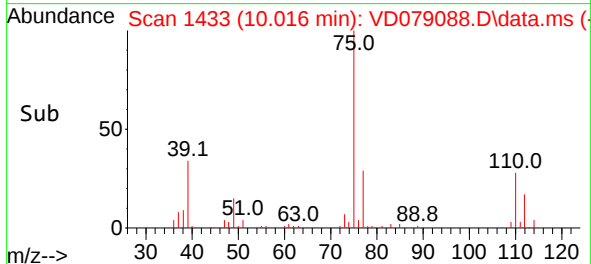
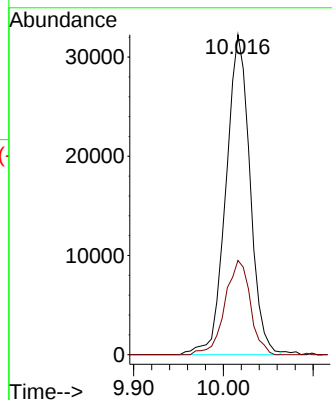
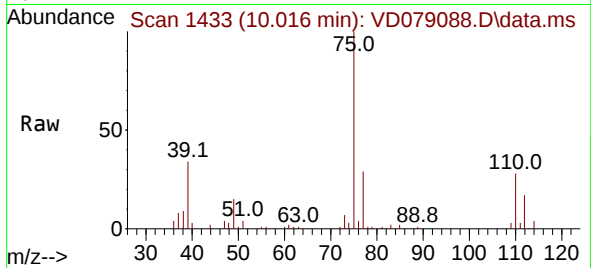




#39
cis-1,3-Dichloropropene
Concen: 18.626 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

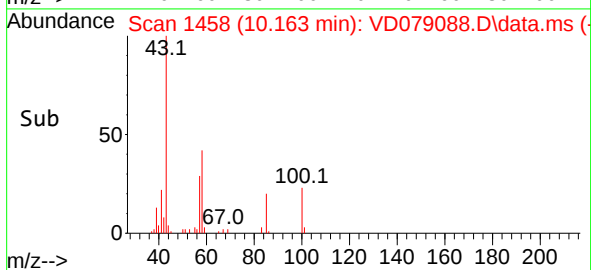
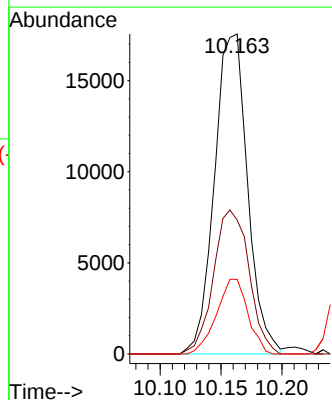
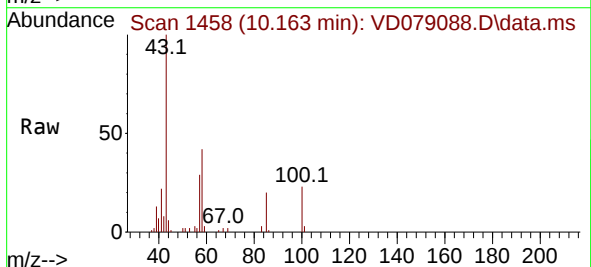
Instrument :
MSVOA_D
ClientSampleId :
A4D19

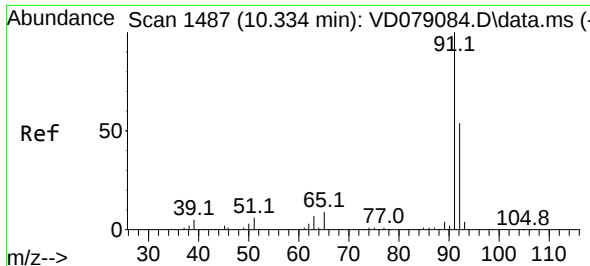
Tgt Ion: 75 Resp: 59961
Ion Ratio Lower Upper
75 100
77 29.4 23.4 43.4



#40
4-Methyl-2-pentanone
Concen: 38.621 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 43 Resp: 33248
Ion Ratio Lower Upper
43 100
58 48.2 34.0 51.0
100 22.1 16.9 25.3

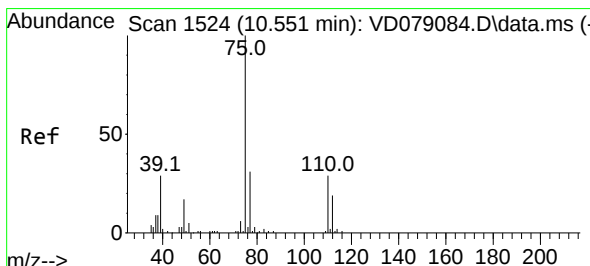
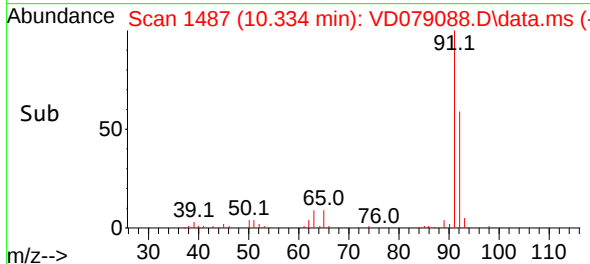
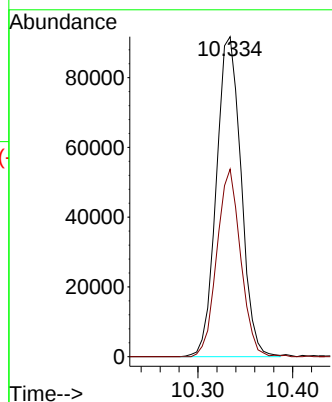
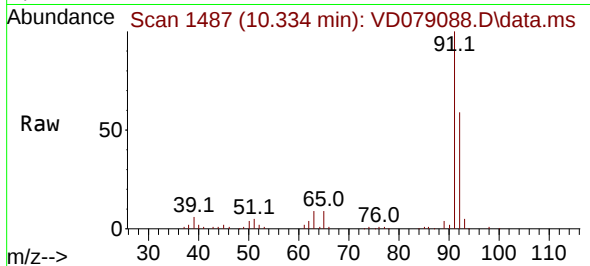




#42
Toluene
Concen: 17.810 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

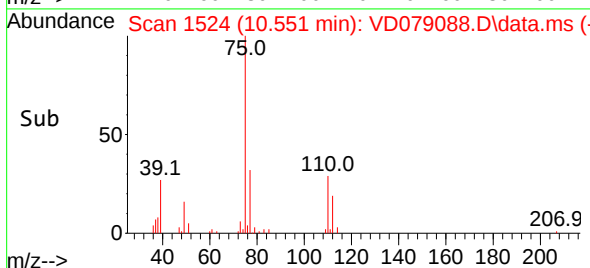
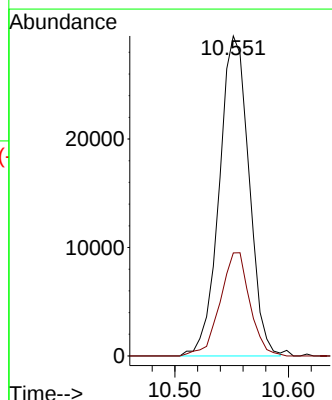
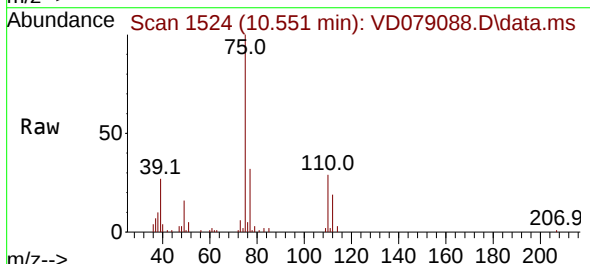
Instrument :
MSVOA_D
ClientSampleId :
A4D19

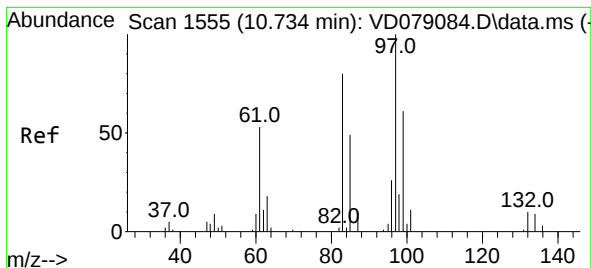
Tgt Ion: 91 Resp: 166509
Ion Ratio Lower Upper
91 100
92 58.6 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 19.675 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 75 Resp: 53562
Ion Ratio Lower Upper
75 100
77 32.2 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 20.345 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

A4D19

Tgt Ion: 97 Resp: 36808

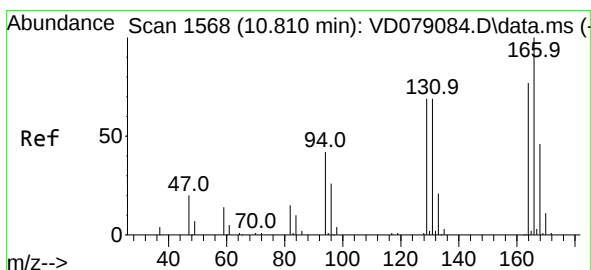
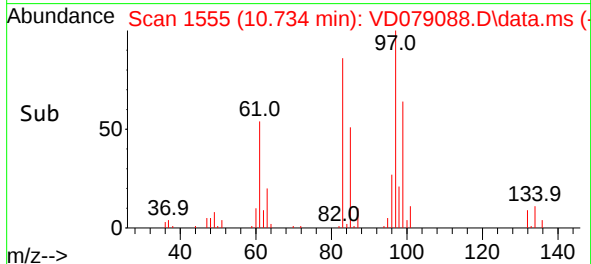
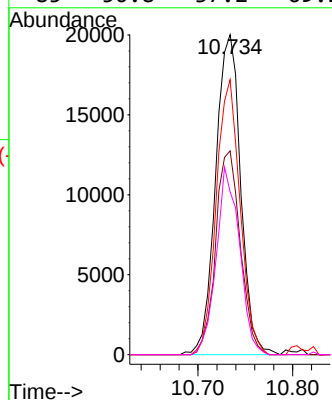
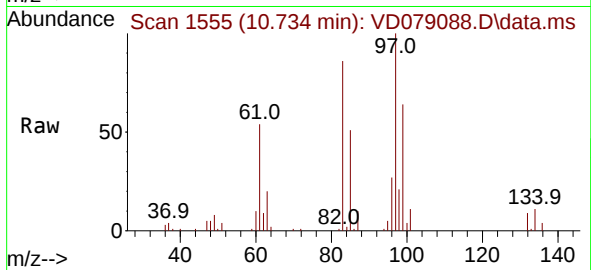
Ion Ratio Lower Upper

97 100

99 63.7 43.0 79.8

83 85.9 58.9 109.5

85 50.8 37.2 69.2



#46

Tetrachloroethene

Concen: 13.987 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Tgt Ion:164 Resp: 26706

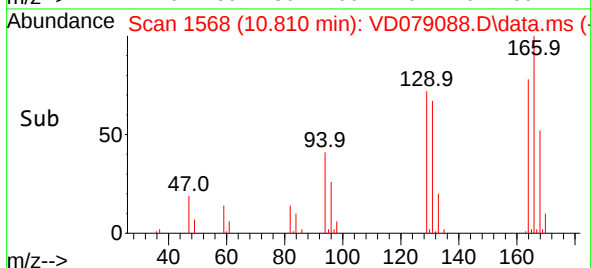
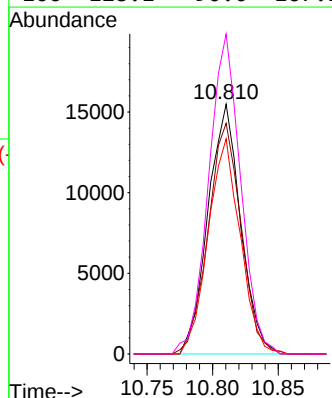
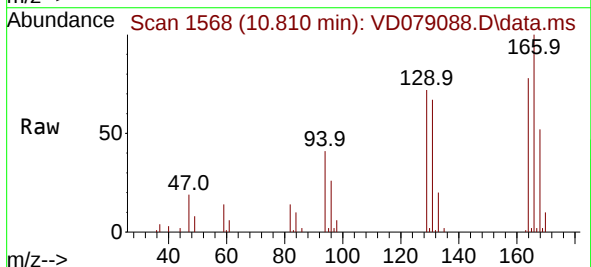
Ion Ratio Lower Upper

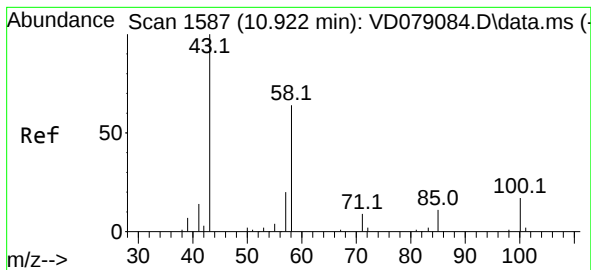
164 100

129 92.4 64.3 119.5

131 86.2 61.2 113.8

166 128.1 90.0 167.2





#48

2-Hexanone

Concen: 31.012 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

A4D19

Tgt Ion: 43 Resp: 23102

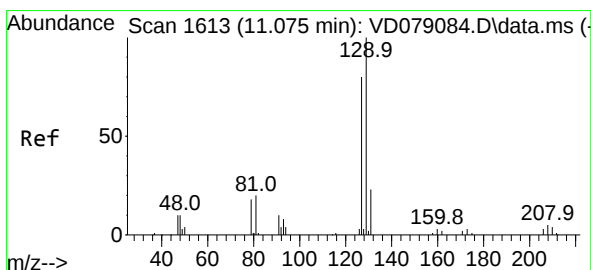
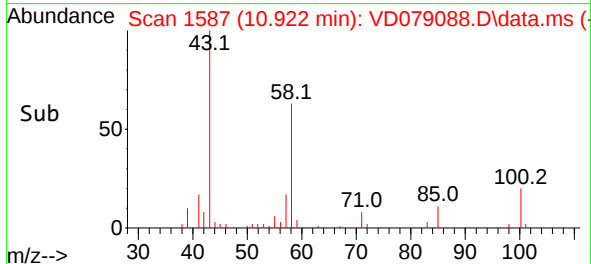
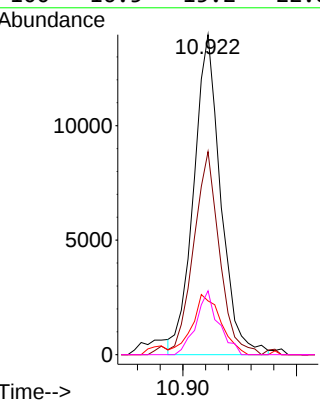
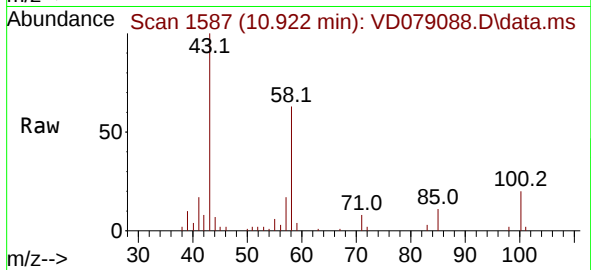
Ion Ratio Lower Upper

43 100

58 60.7 50.1 75.1

57 20.1 16.5 24.7

100 16.5 15.2 22.8



#49

Dibromochloromethane

Concen: 18.675 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079088.D

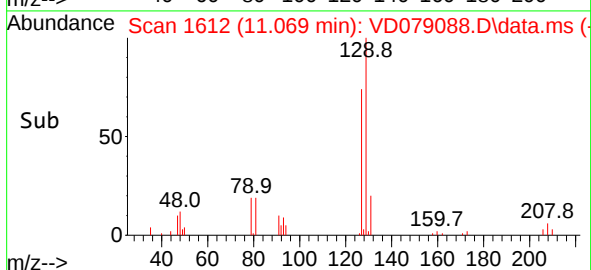
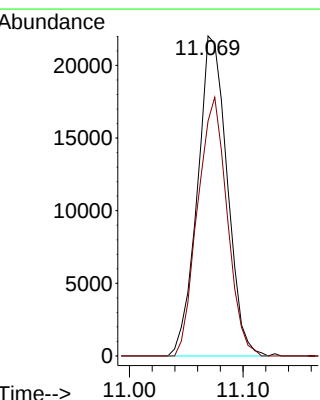
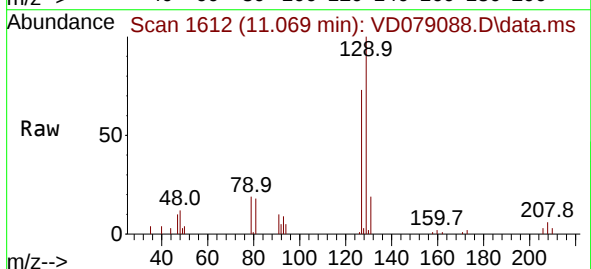
Acq: 30 May 2024 11:36

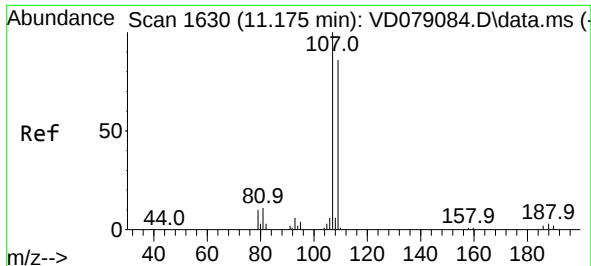
Tgt Ion: 129 Resp: 40010

Ion Ratio Lower Upper

129 100

127 73.4 56.4 104.7

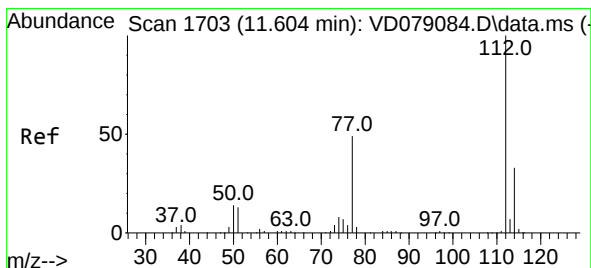
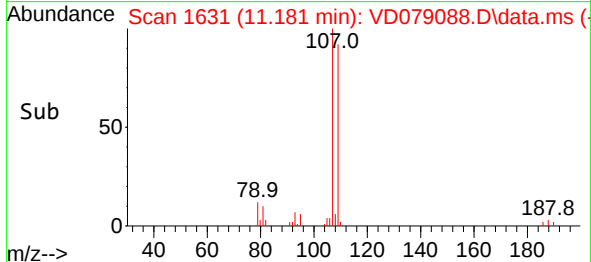
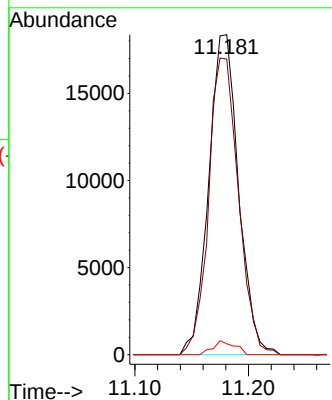
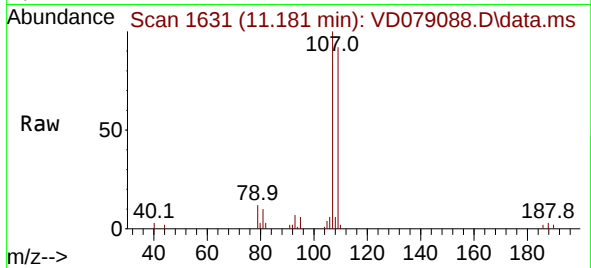




#50
1,2-Dibromoethane
Concen: 20.211 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

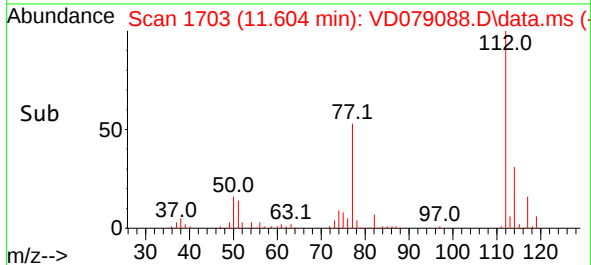
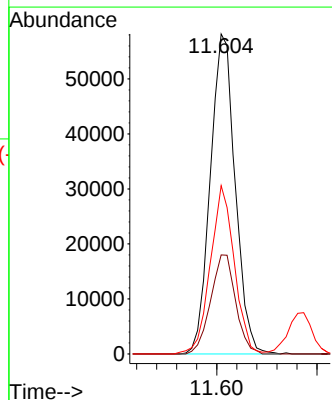
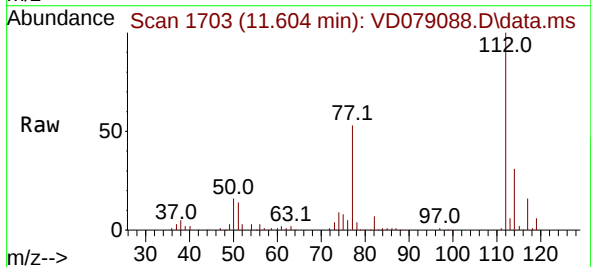
Instrument :
MSVOA_D
ClientSampleId :
A4D19

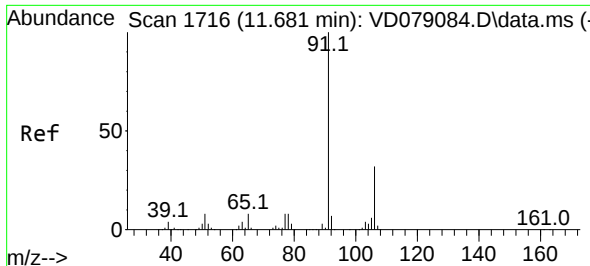
Tgt Ion:107 Resp: 33605
Ion Ratio Lower Upper
107 100
109 92.4 64.5 119.7
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 16.059 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:112 Resp: 99897
Ion Ratio Lower Upper
112 100
114 30.9 22.7 42.3
77 52.6 38.4 57.6

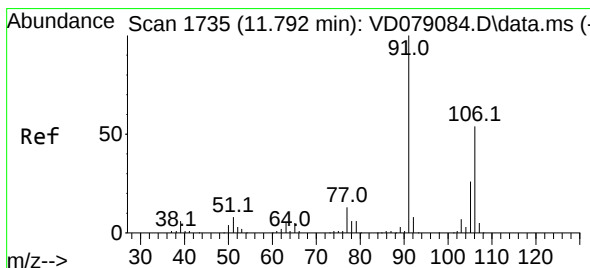
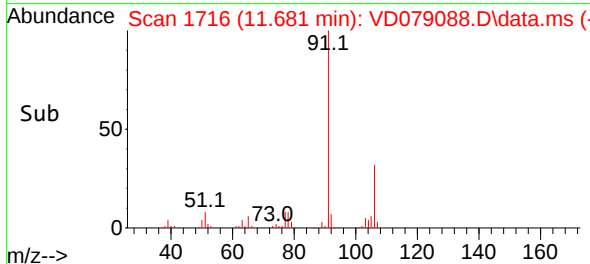
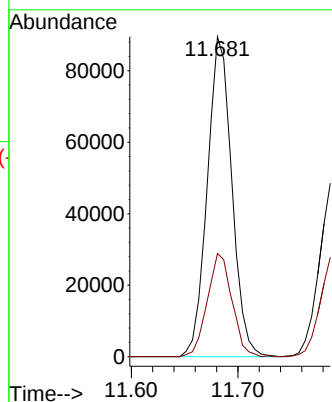
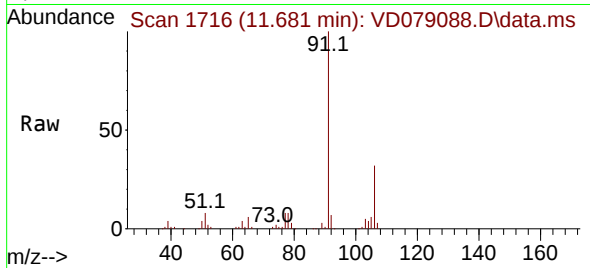




#52
Ethylbenzene
Concen: 14.678 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

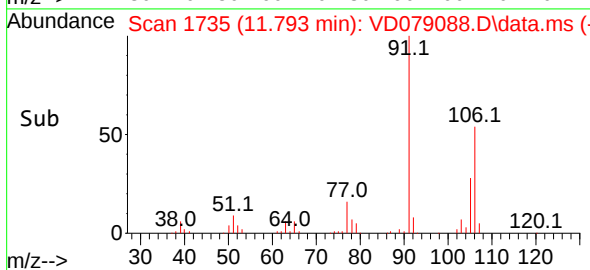
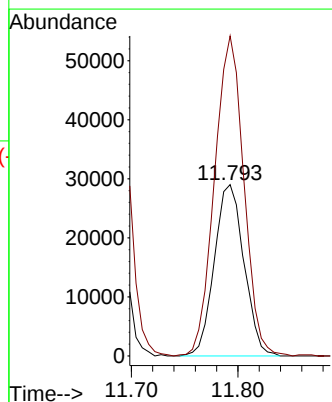
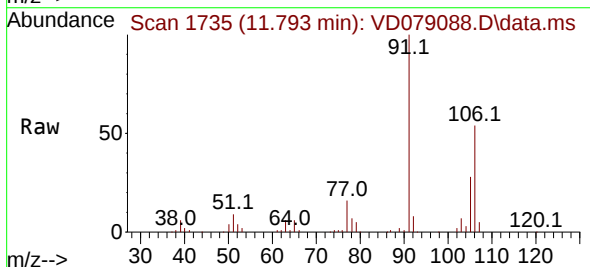
Instrument :
MSVOA_D
ClientSampleId :
A4D19

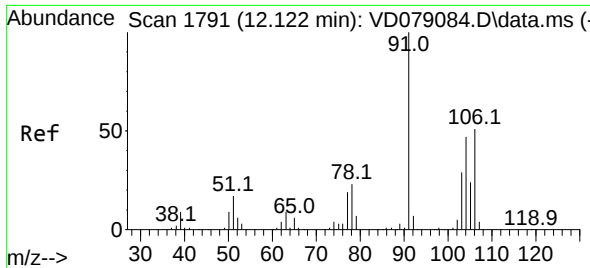
Tgt Ion: 91 Resp: 143136
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.5



#53
m,p-Xylene
Concen: 14.656 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 106 Resp: 56076
Ion Ratio Lower Upper
106 100
91 186.7 133.1 247.1

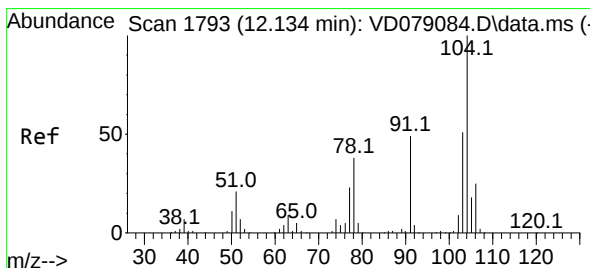
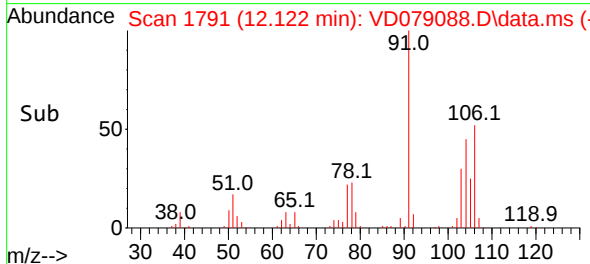
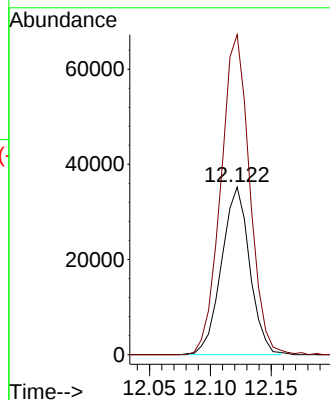
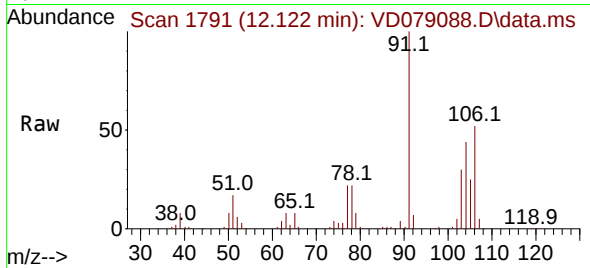




#54
o-Xylene
Concen: 15.344 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

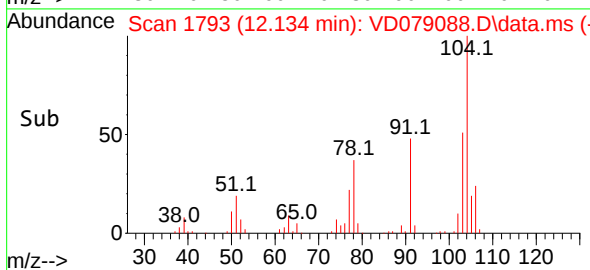
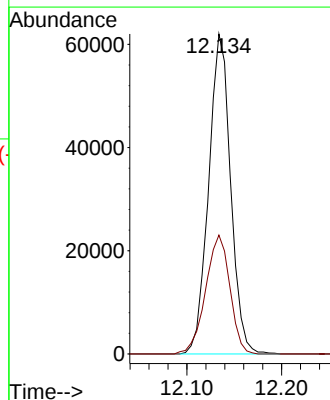
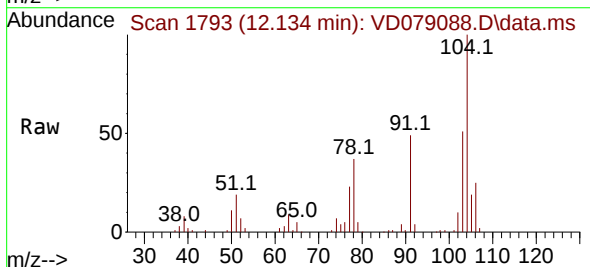
Instrument :
MSVOA_D
ClientSampleId :
A4D19

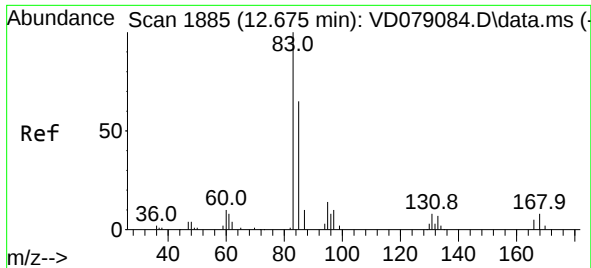
Tgt Ion:106 Resp: 56719
Ion Ratio Lower Upper
106 100
91 191.0 132.9 246.9



#55
Styrene
Concen: 15.226 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:104 Resp: 99795
Ion Ratio Lower Upper
104 100
78 37.1 27.8 51.6

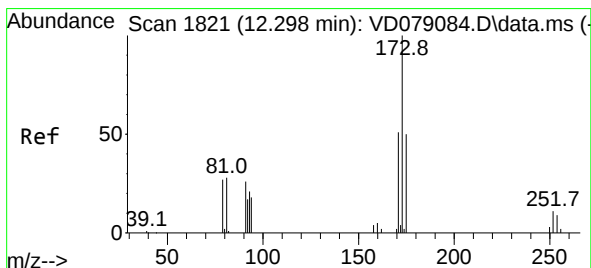
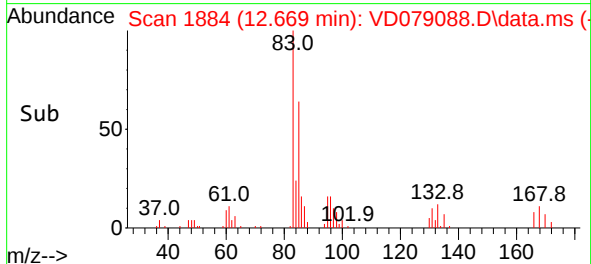
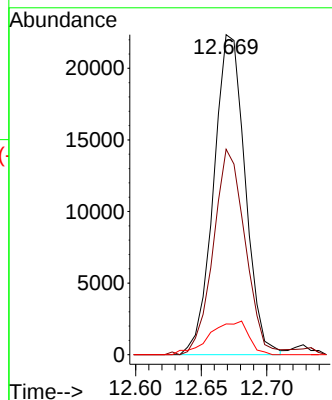
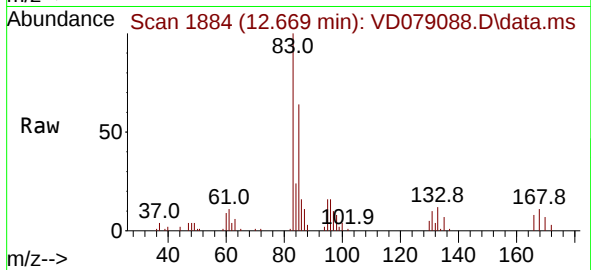




#57
1,1,2,2-Tetrachloroethane
Concen: 18.405 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

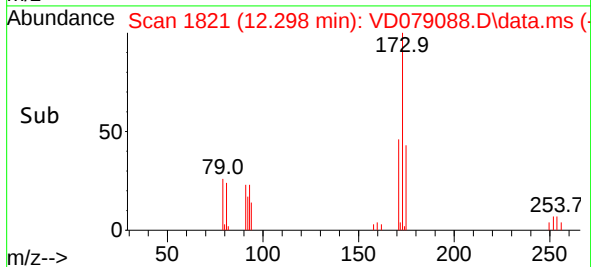
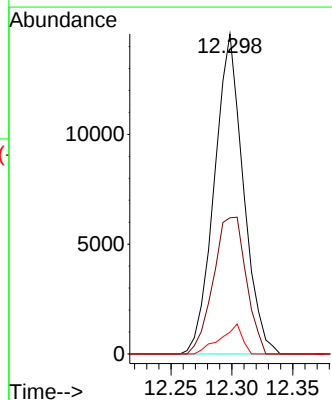
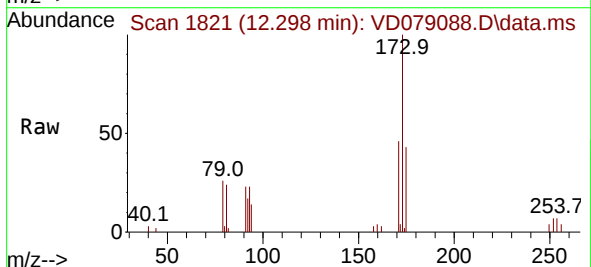
Instrument :
MSVOA_D
ClientSampleId :
A4D19

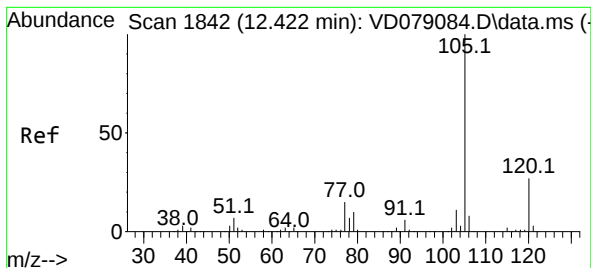
Tgt Ion: 83 Resp: 37274
Ion Ratio Lower Upper
83 100
85 64.2 47.5 88.1
131 9.6 8.6 13.0



#59
Bromoform
Concen: 26.743 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 173 Resp: 24129
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.4
254 7.0 7.0 10.6





#60

Isopropylbenzene

Concen: 18.307 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

A4D19

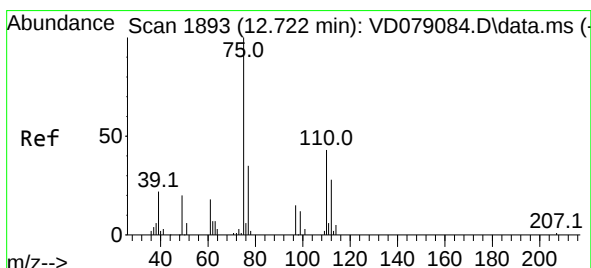
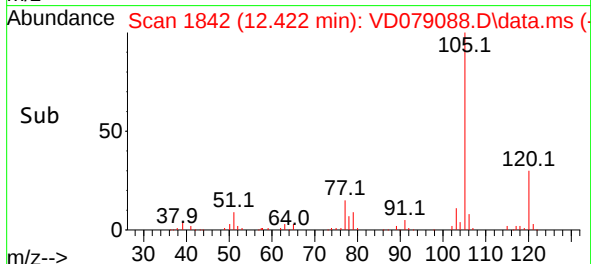
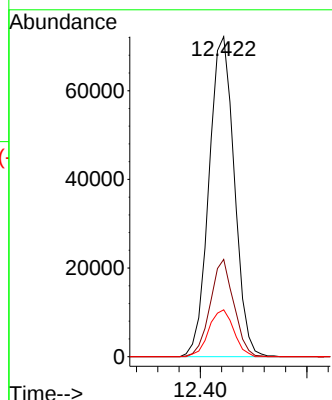
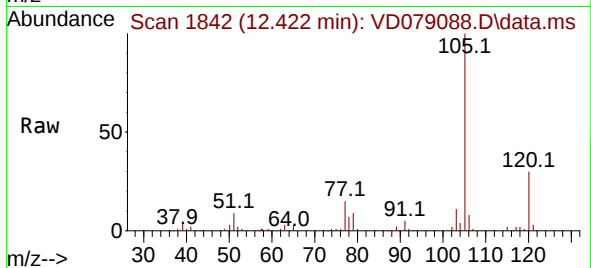
Tgt Ion:105 Resp: 119164

Ion Ratio Lower Upper

105 100

120 28.3 21.9 32.9

77 14.5 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 28.270 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

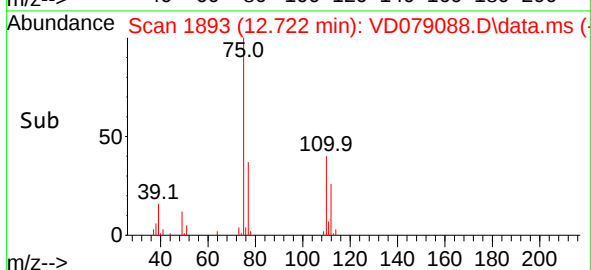
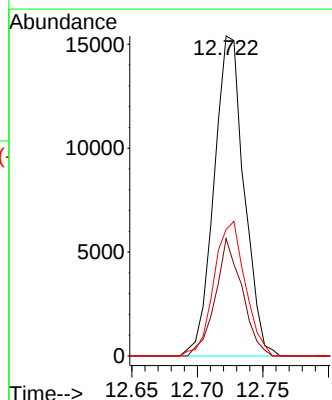
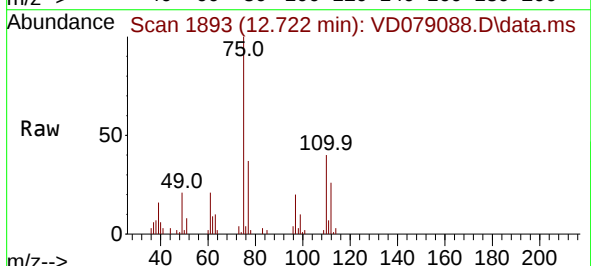
Tgt Ion: 75 Resp: 24570

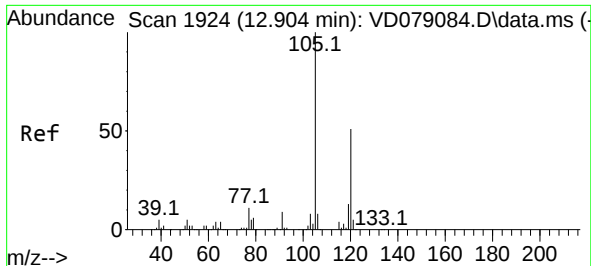
Ion Ratio Lower Upper

75 100

77 32.7 25.9 38.9

110 43.7 34.2 51.4

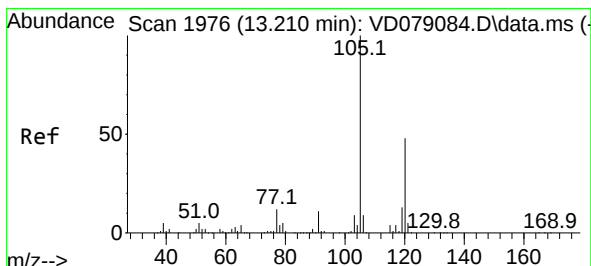
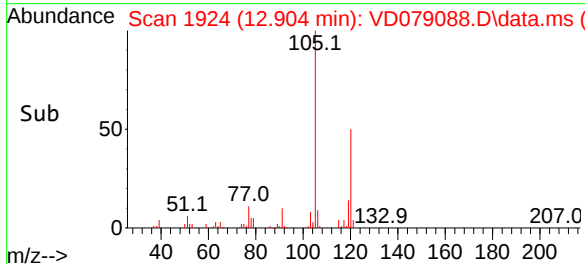
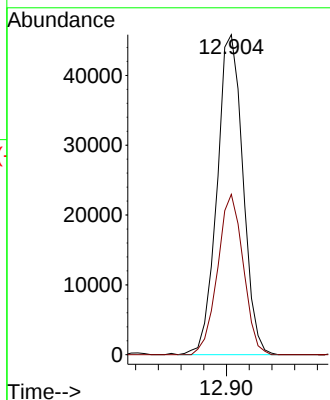
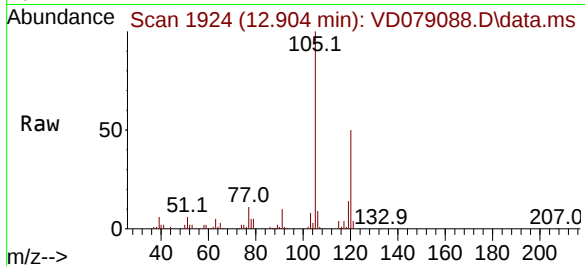




#62
 1,3,5-Trimethylbenzene
 Concen: 16.305 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

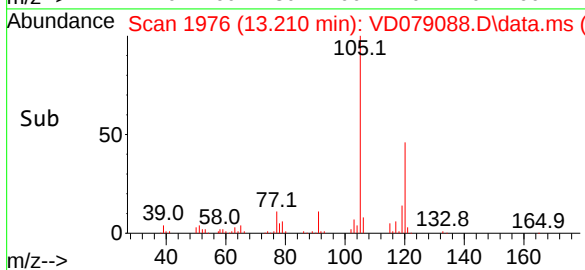
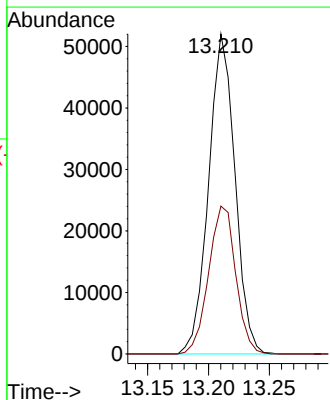
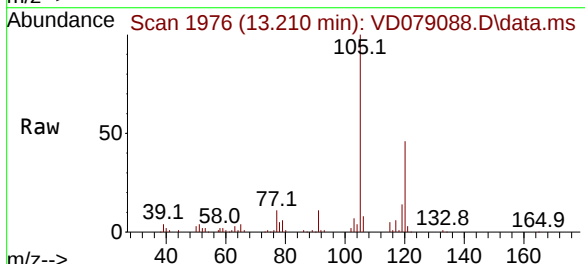
Instrument :
 MSVOA_D
 ClientSampleId :
 A4D19

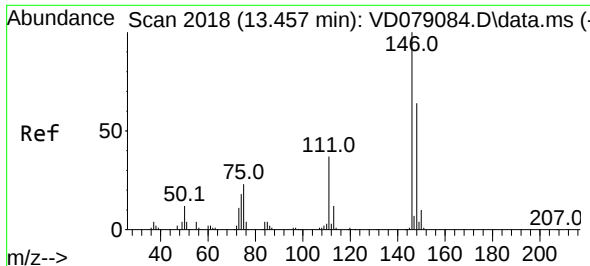
Tgt Ion:105 Resp: 72567
 Ion Ratio Lower Upper
 105 100
 120 49.6 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 16.470 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

Tgt Ion:105 Resp: 78401
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.0 57.0

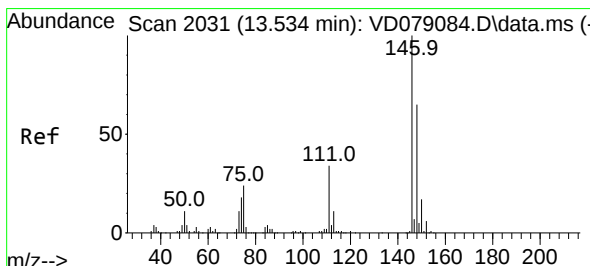
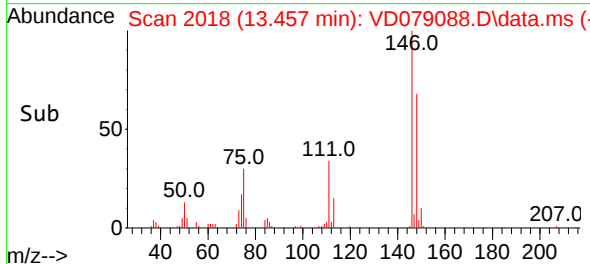
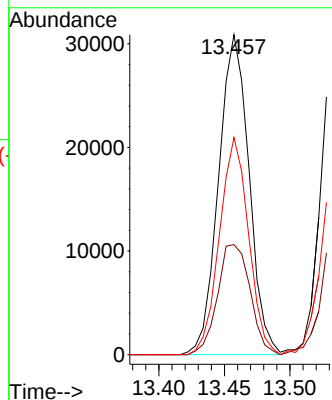
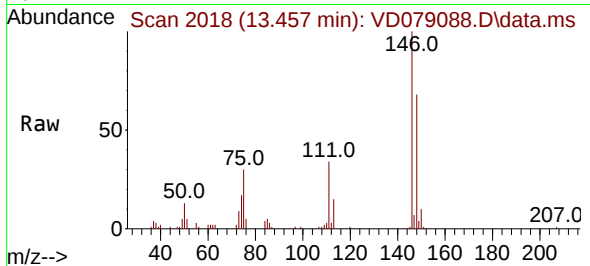




#64
1,3-Dichlorobenzene
Concen: 15.944 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

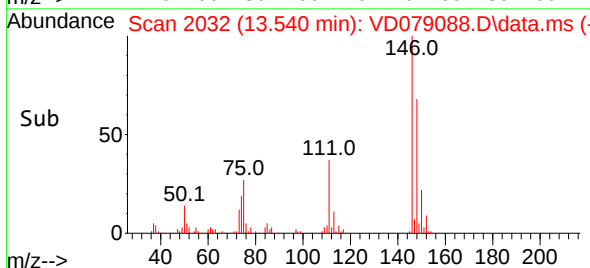
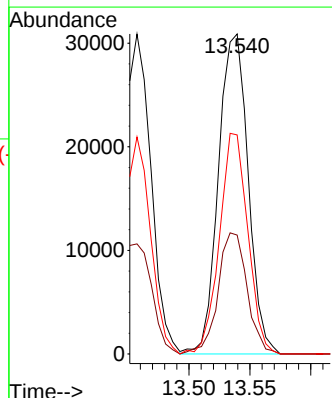
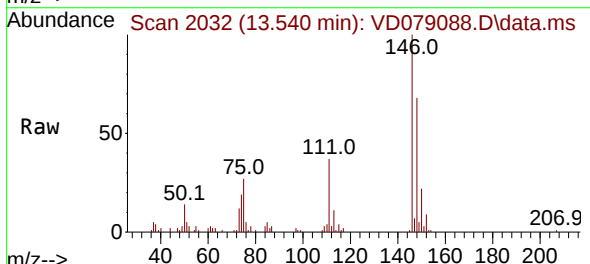
Instrument :
MSVOA_D
ClientSampleId :
A4D19

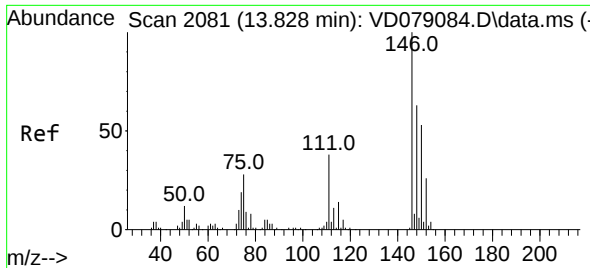
Tgt Ion:146 Resp: 49858
Ion Ratio Lower Upper
146 100
111 34.4 24.4 45.4
148 67.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 15.829 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion:146 Resp: 52446
Ion Ratio Lower Upper
146 100
111 37.1 26.3 48.9
148 68.4 43.1 80.1

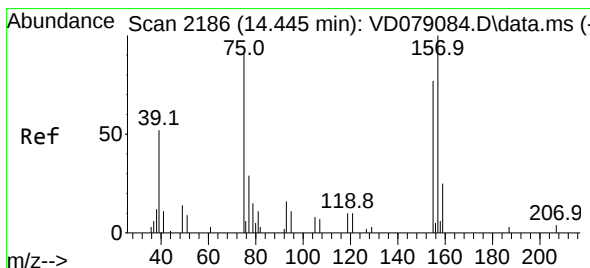
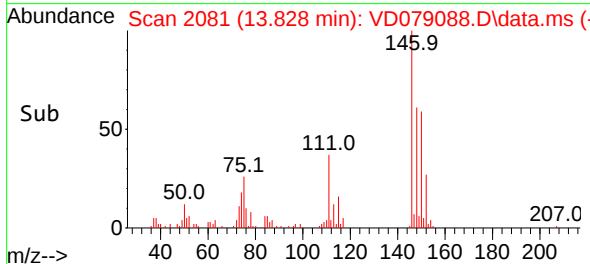
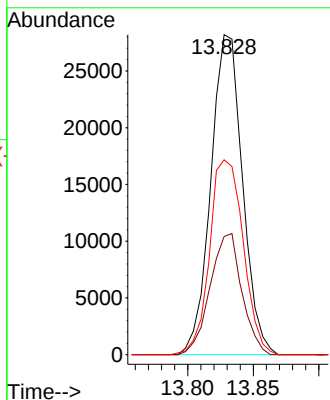
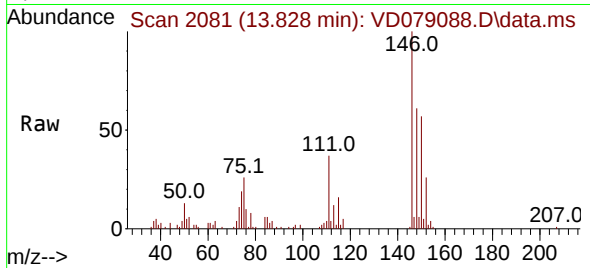




#67
1,2-Dichlorobenzene
Concen: 16.397 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

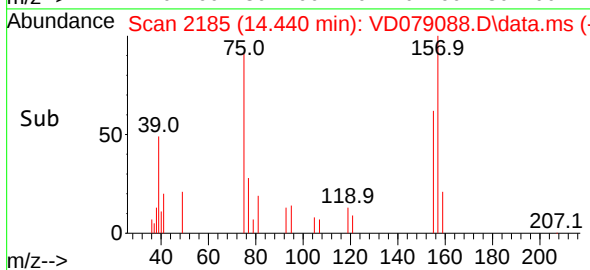
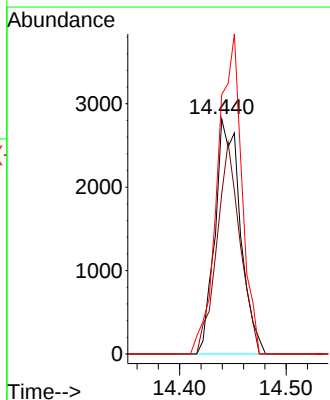
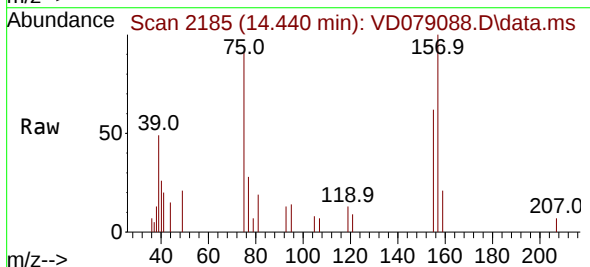
Instrument :
MSVOA_D
ClientSampleId :
A4D19

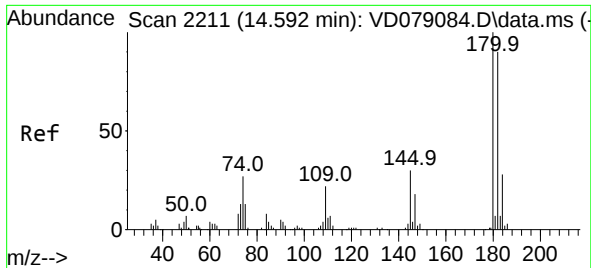
Tgt Ion:146 Resp: 47401
Ion Ratio Lower Upper
146 100
111 36.9 29.1 43.7
148 60.9 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.942 ug/L
RT: 14.440 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD079088.D
Acq: 30 May 2024 11:36

Tgt Ion: 75 Resp: 4635
Ion Ratio Lower Upper
75 100
155 68.1 68.1 102.1
157 110.5 91.6 137.4

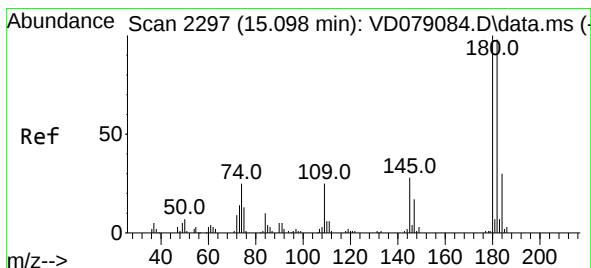
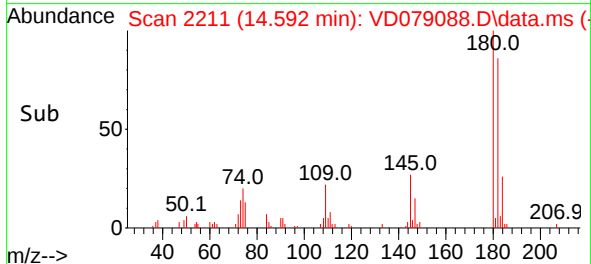
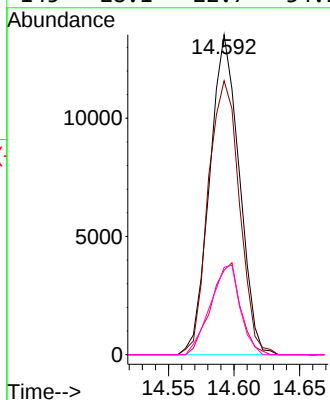
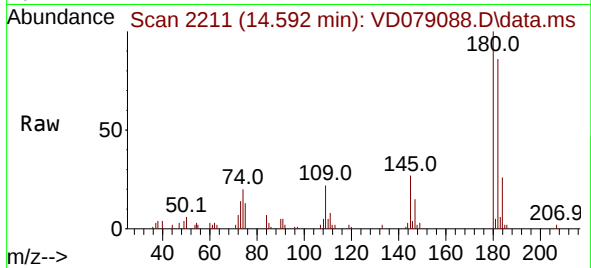




#69
 1,3,5-Trichlorobenzene
 Concen: 10.769 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

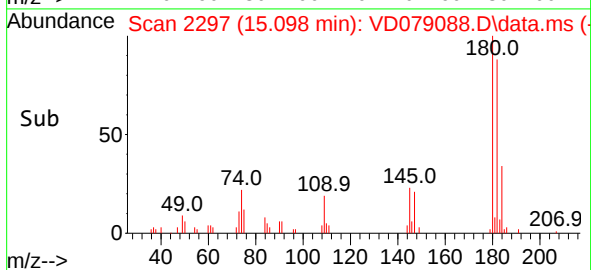
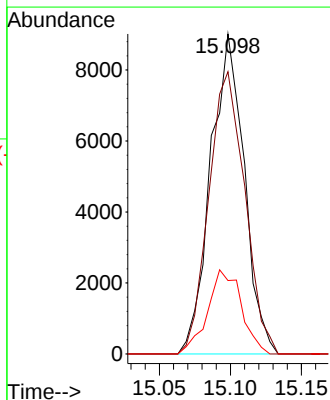
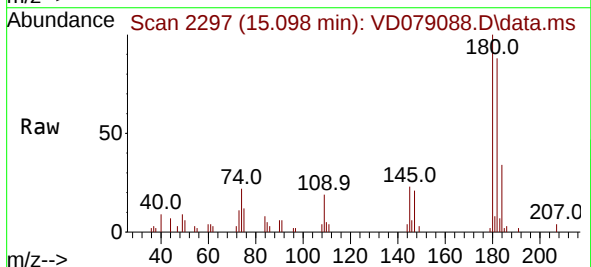
Instrument :
 MSVOA_D
 ClientSampleId :
 A4D19

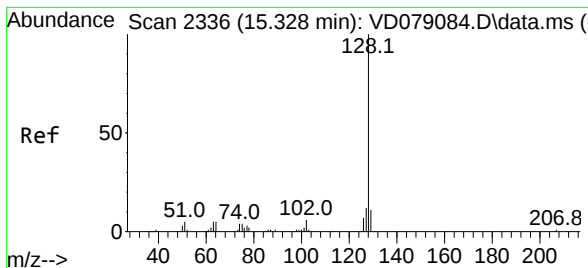
Tgt Ion:	180	Resp:	21239
Ion Ratio	Lower	Upper	
180	100		
182	90.1	76.9	115.3
184	28.2	23.3	34.9
145	28.1	22.7	34.1



#70
 1,2,4-trichlorobenzene
 Concen: 9.045 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079088.D
 Acq: 30 May 2024 11:36

Tgt Ion:	180	Resp:	14816
Ion Ratio	Lower	Upper	
180	100		
182	94.4	73.8	110.6
145	26.4	22.3	33.5





#71

Naphthalene

Concen: 11.188 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Instrument :

MSVOA_D

ClientSampleId :

A4D19

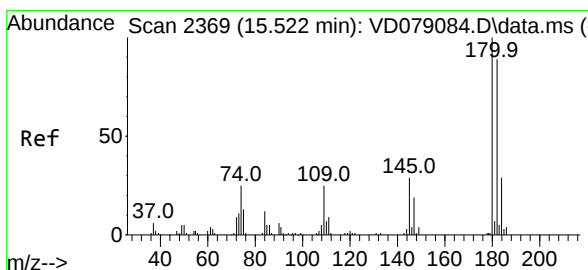
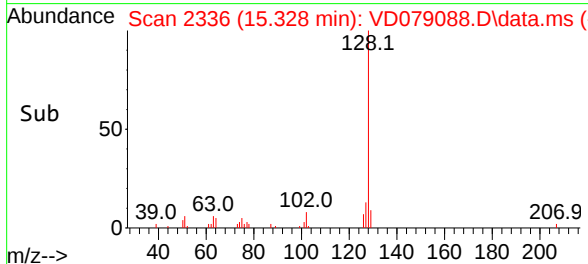
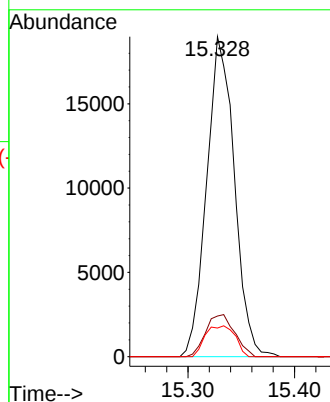
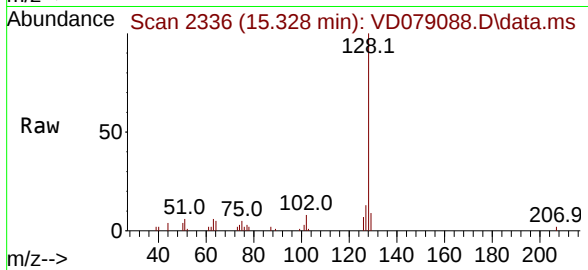
Tgt Ion:128 Resp: 34272

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.4 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 8.956 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD079088.D

Acq: 30 May 2024 11:36

Tgt Ion:180 Resp: 12678

Ion Ratio Lower Upper

180 100

182 89.9 79.4 119.2

145 29.9 24.7 37.1

